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PORTER-WALTON's No. 47 GARDEN BOOK



Utah Centennial

"The New Strawberry of the Century"

Order No. 9997

UTAH CENTENNIAL marks an important milestone in Strawberry history. Its remarkable size, sparkling color, amazing productivity and an irresistible flavor that combines piquancy with sweetness insure its place at the top of the Strawberry World.

UTAH CENTENNIAL is an excellent grower producing great quantities of the luscious berries practically all summer and fall. Its hardiness, dependability and quality make it the most promising of all strawberries. (See page 65.)

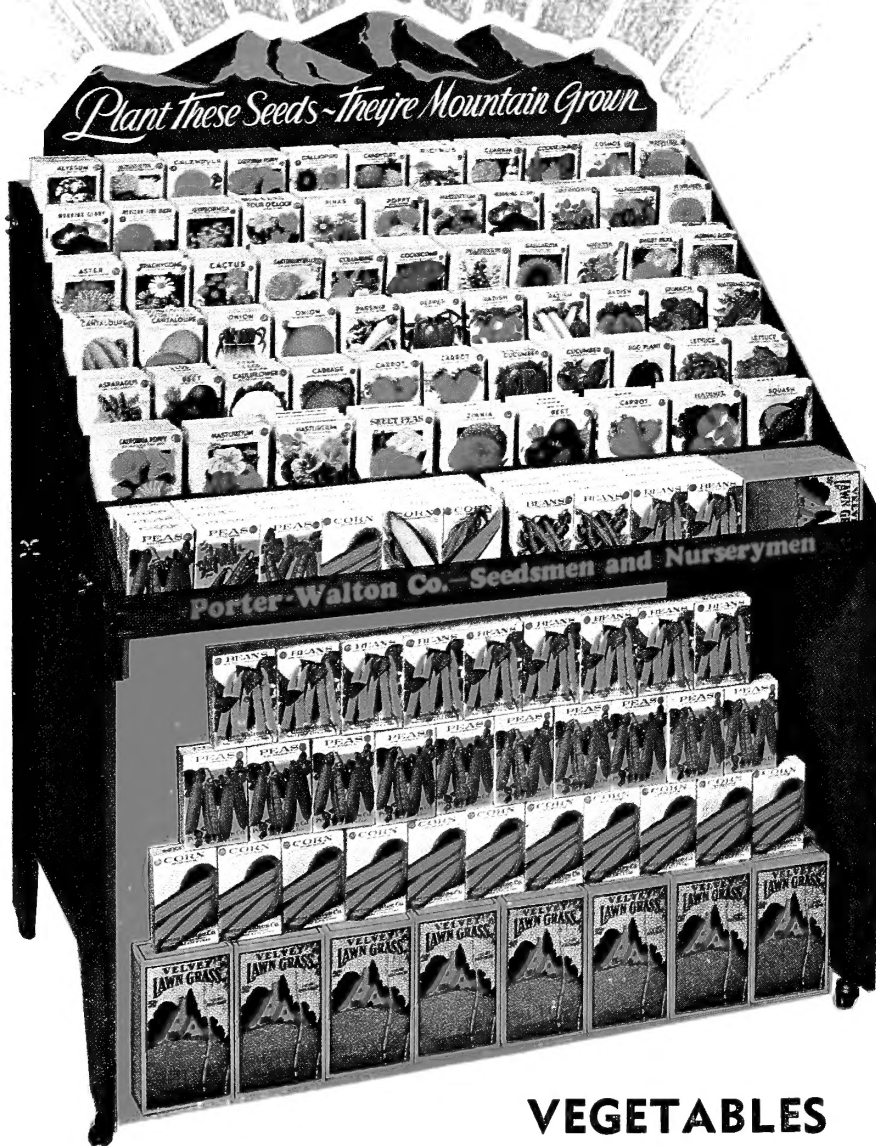


PORTER-WALTON COMPANY

Seed and Nursery Specialists

Box 1619, Salt Lake City 11, Utah

Mountain Grown SEEDS



VEGETABLES



Mountain Grown VEGETABLE FLOWER and LAWN SEEDS

Are sold by progressive merchants throughout the intermountain west.

There is a diversified assortment of vigorous, acclimated flowers and vegetables all carried in an attractive, easily shopped display.

Look for the new sign with

SEEDS in big red letters and be sure to ask for Porter-Walton's "Mountain Grown" flowers and vegetables.

If your local store cannot supply you, mail your order to us and mention the name of your store.



PORTER - WALTON COMPANY

P. O. Box 1619

Salt Lake City 11, Utah

EXCEPTION TYPE					TAGS LABELS				SHIP			
L	FL	G	FS	W	NT	ST	L	PP	XP	TRK	FRT	
21	10	22	12	24								

PORTER-WALTON CO.

(Please print—Use name of head of family) Date _____ 194_____

Order Blank

If you want this order shipped to an address or person different from that given at left write directions here:

MISS _____
MRS. _____
MR. _____

Street _____
Address _____ Route _____ Box _____
(Please fill in completely whether needed for delivery or not)

Post _____
Office _____ State _____
(Give your freight station on lines above if different from your Post Office)

HOW SHALL WE SHIP?

☐ Parcel ☐ Express ☐ Freight What railroad or truck line? _____

In the event, any item is out of stock and unprocurable, may we send an alternate Yes ☐ No ☐ WHEN SHALL WE SHIP? _____

Catalog Number of Article	Quantity Wanted	✓	NAME OF ARTICLE WANTED Abbreviate if necessary	SIZE	Price Each or Lot	TOTAL PRICE		SHIP. WTS.		✓
						Dollars	Cents	Lbs.	Oz.	
										1
										2
										3
										4
										5
										6
										7
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If you have moved since sending your last order write old address here

NAME _____
STREET ADDRESS _____
POST OFFICE _____ STATE _____

C. O. D. SHIPMENTS MADE ONLY WHEN ORDER IS ACCOMPANIED BY CASH PAYMENT OF 25% OF THE AMOUNT OF THE ORDER.

Do not send cash except in registered letter.

AMOUNT FOR GOODS		
IF ABOVE IS LESS THAN \$1.00 ADD 25c SERVICE CHARGE		
AMOUNT FOR UTAH SALES TAX (2% of amount for goods)		
AMOUNT FOR POSTAGE (We refund any not used)		
Amount I owe PORTER-WALTONS (If any) from previous order		
TOTAL AMOUNT ENCLOSED		

Pounds Ounces _____
Tot. Wt. In Lbs. _____

- Check your order completely to be sure that you have given all necessary information
- If by mail be sure to include enough for postage
- **DO NOT SEND STAMPS**

EXTRA ORDER BLANKS FREE ON REQUEST

THIS FLAP IS GUMMED, READY TO SEAL
NO ENVELOPE NECESSARY
FOLD, SEAL AND STAMP
Freight or express charges should not be sent with your order except where you have no agent at your station. Charges are the same either way.
Please Order On This Blank
Write your letters on a separate sheet.

SUGGESTIONS ABOUT MAKING OUT THE ORDER—

Read page 3 of our latest catalogue. If there is any questions how we should ship your order, telephone your postmaster, or express agent for advice. Include as many as possible this season's requirements in each order. It will save money for you.

HOW TO SEND MONEY—

It is safest and best to send a Postal Money Order, Personal Check, American Express Money Order, Bank Draft or Cashier's Check. If you live on a rural route, the carrier will buy a Postal Money Order for you on request. Do not sent cash except in registered letter. DO NOT SEND STAMPS.

PARCEL POST CHARGES—

See Parcel Post Zone Rate, page 3 of catalog, for amount to send. Don't hesitate sending too much for postage; we refund every penny not used.

FREIGHT OR EXPRESS CHARGES should not be sent with order except when there is no agent at your station.

IMPORTANT

Before Seeding Be Sure That

—Your name and address are printed plainly

—Shipping instructions have been given

HAVE YOU ORDERED SUFFICIENT

VEGETABLE SEEDS

FLOWER SEEDS & BULBS

SHRUBS & TREES

EVERGREENS

FRUIT TREES

BERRY PLANTS

LAWN SEED

PASTURE GRASS

FERTILIZER

INSECTICIDES

Please indicate below by X the Free information leaflets desired:

Bulb Planting	()	Mushroom Culture	()
Farm Seed Culture	()	Planting Nursery Stock	()
Fertilizers	()	Pruning	()
Insecticides	()	Peonies	()
Lawn Making	()	Roses	()
Lawn Pests	()	Weed Killers	()

Fold On This Line

SALT LAKE CITY 11, UTAH

P. O. BOX 1619

PORTER-WALTON COMPANY
SEED AND NURSERY SPECIALISTS

USE
LETTER
POSTAGE
HERE

FROM

"ONE GOOD TURN DESERVES ANOTHER"

The following persons, will likely purchase Planting Materials and would appreciate your Garden Book:

NAMES	ADDRESSES

LARGE QUANTITY USERS — ATTENTION PLEASE !!

In addition to our "Garden Book," which serves all users of Seeds, Shrubs, Trees, etc.; we send special Quantity "Price Lists," whenever market changes justify. If you will please mark with "X," your classification of interest below; it will thus enable us to put your name on the proper mailing list:

☐ Farm and Range Seeds

☐ Ornamental Shrubs, Trees (Landscape Gardener)

☐ Vegetable Seeds (Market Gardener)

☐ Fruit Trees, etc. (Orchardist)

TERMS AND CONDITIONS OF SALE

Our terms are CASH WITH ORDER. C.O.D. orders will be accepted only if accompanied by cash payment of 25% of the amount of the order.

PRICES in this catalog are based on market conditions at the date of publication and are subject to change without notice.

In order to obtain quantity price rates your order must be for a specified quantity of a single variety of seeds, bulbs or plants.

All items are priced f.o.b. Salt Lake City. The comparatively small weight of smaller than one ounce packets of seed however, need not be considered when listing shipping weights.

Residents of Utah, please add 2% state sales tax.

\$1.00 MINIMUM ORDER

Because of proportionately excessive handling cost orders for less than \$1.00 will not be accepted unless accompanied by an additional 25c service charge.

GUARANTEE

We GUARANTEE all of our stock (seeds, bulbs, or plants) to be true to name and to reach the customer alive and in good condition. If, on receipt, stock should appear otherwise, or in case of damage or error, a claim and report must be made within 5 days. We cannot be held responsible for subsequent cultural failures.

Furthermore, we give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we sell and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds, bulbs or plants.

If we cannot supply certain items on your order we shall take the liberty, unless directed otherwise, of substituting a similar variety of equal or greater value. If a substitution is unsatisfactory, repack it carefully and return to us at once at our expense.

MAKING OUT THE ORDER

IMPORTANT—CATALOG NUMBERS

It is important that when making out your order, you include the catalog number, name of the article, size or quantity, the price and shipping weight of each article ordered.

Please use the enclosed order blank which folds into a self-addressed envelope. Extras furnished on request.

Fill out the order blank completely and accurately, making sure that your name, address and shipping instructions may be clearly interpreted.

When it becomes necessary to make additional explanation or inquiry, please do so on a separate sheet of paper.

How to Send Money. Money is most conveniently and safely sent in the form of a post office money order, express order or check. We will accept personal checks for over \$1.00. It is not safe to send silver or currency. Do not send stamps.

See above information regarding C.O.D. orders.

ADDRESS ALL CORRESPONDENCE TO OUR GENERAL OFFICES
PORTER-WALTON CO., P.O. Box 1619, Salt Lake City 11, Utah

TRANSPORTATION

Transportation charges on all classes of merchandise in this catalog must be paid by the purchaser. Shipments weighing over 5 pounds and beyond the 4th zone, and over 20 pounds beyond the 2nd zone, travel cheaper by express. If your order does not specify "Mail, Express or Freight (rail or motor truck) or does not include postage, we reserve the right to route the shipment according to our best judgment.

SEEDS, NURSERY STOCK AND SEEDLINGS SHIPPED SEPARATELY

Because of the wide variation in the nature, packing and planting time of seeds and nursery stock it is necessary that they go forward in separate shipments. The weight of the separate parts will determine the most economical way to ship, i. e. freight, express or mail. Under such conditions it is difficult to handle C.O.D. orders properly without duplication of C.O.D. Fees

EXPRESS

Express is one of the most practical methods of shipping plants, roots and trees. The fastest passenger trains carry express shipments. Insurance against damage or loss of parcels valued at \$50.00 or less, and special handling of perishable shipments is given at no extra cost. The express company will also deliver your order to you or notify you by telephone or postal card of its arrival. Send no money for express charges. They will be collected when delivery is made.

FREIGHT

For heavy shipments (100 pounds or over) freight is the most economical method of delivery.

Specify rail or motor truck, whichever serves you best.

Send no money for freight charges (except where it is necessary shipments go prepaid). They will be collected when delivery is made at destination.

PARCEL POST

Approximate shipping weights are given on items for which no definite packing and postage rate is stated. The following table shows the correct amount of postage to send for a given weight to be mailed to any point within the 4th zone.

Zones

1 lb.	.....	\$ .09	\$.10	\$.11
2 lbs.	.....	.11	.12	.15
3 "	.....	.12	.14	.18
4 "	.....	.13	.16	.22
5 "	.....	.14	.18	.25
6 "	.....	.15	.20	.29
7 "	.....	.16	.22	.32
8 "	.....	.17	.24	.36
9 "	.....	.18	.26	.39
10 "	.....	.19	.28	.43
11 "	.....	.20	.30	.46
12 "	.....	.22	.32	.50
13 "	.....	.23	.34	.54
14 "	.....	.24	.36	.58
15 "	.....	.25	.38	.61
16 "	.....	.26	.40	.65
17 "	.....	.27	.42	.68
18 "	.....	.28	.44	.72
19 "	.....	.29	.46	.75
20 "	.....	.30	.48	.79
21 "	.....	.31	.50	.82
22 "	.....	.33	.53	.87
23 "	.....	.34	.55	.90
24 "	.....	.35	.57	.94
25 "	.....	.36	.59	.97

P-W's MOUNTAIN GROWN SEEDS

"ALL DRESSED UP AND READY TO GROW"

"Mountain Grown Seeds," in their new spring outfits, take another stride ahead to assure you better seeds and more productive gardens.



In these new, distinctively designed, varnish-coated cartons, you can be sure of getting the finest, freshest, cleanest seeds for your 1947 garden. They'll reach you with all their vitality sealed in, ready for vigorous growth.

An important feature of the new packages is the larger, more easily read labels. Because they are actually a part of the packages, these better labels give permanent identification and prevent the mixing of stored seeds.

*Ask for them at
your local dealer's.
If he cannot serve
you, order direct
from Porter-Walton
Company, the
home of "Mountain
Grown Seeds."*



Mountain Grown Vegetable Seeds

ASPARAGUS SEED

An ounce of seed will sow 75 ft. of row and produce about 250 plants.

Sow the seed in the early spring. When roots are one to two years old, transplant to permanent location. Given care, a bed of 500 sq. feet provides for an average family for 8 to 10 years.

10 **Mary Washington**—An early rust-resistant variety that is a heavy producer. The shoots are of rich dark green with tightly folded tips. Introduced by the U.S.D.A., and surely the best strain grown. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.50.

12 **New Paradise**—Produces a normal crop one year earlier. This new sensational variety has been tried and proven by commercial Asparagus growers. Heavy cropper, finest quality, commands top prices. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00.

ASPARAGUS ROOTS

75 roots plant 100 feet of row.

7000 **Mary Washington**—2-year-old roots: 10 for 50c; 50, \$2.00; 100, \$3.50; 1000, \$32.00.

7002 **New Paradise**—Two-year-old roots: 10 for 55c; 50, \$2.25; 100, \$4.00; 1000, \$36.00.

By Mail—Add postage, 10c for 10; 20c for 50; 30c for 100; \$1.25 for 1000.

FOR A MORE PRODUCTIVE
PEACE TIME GARDEN ASK
YOUR SEED DEALER FOR
PORTER WALTON'S
MOUNTAIN GROWN SEEDS

All vegetable seeds in this catalog are quoted f.o.b. Salt Lake City. See page 3 for postal zone rates for the total weight of your order. Quantity prices apply only when the quantity is of a single variety.

Grow Your Own Beans — Tender and Fresh!

STRINGLESS BEANS

DWARF GREEN POD TYPES

1 pkt. plants, 30 ft.; lb., 150 ft.; 60-75 lbs., an acre

30 **P.-W.'s STRINGLESS GREENPOD OR TENDER GREEN**—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fibre. They are nearly straight, dark-green, and round. Plants are hardy, disease resistant, and dependable croppers. (See color illustration, page 19.)

32 **Landreth's Stringless Greenpod** (52 days)—Replaces Burpee's Stringless. The pods of this excellent green bean are stringless, fibreless, straight, and 6 to 6½ inches long. There are no indentations in the pods and they hold their deep green color longer. The foliage and growth are similar to Burpee's Stringless Greenpod, but are darker green, more vigorous and more productive.

Market gardeners and shippers find this bean to be one of the most profitable.

34 **Stringless Black Valentine**—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance. One of the best market beans and a profitable one to grow.

POLE BEANS

A packet of these beans
will plant 120 feet of row.

40 **Blue Lakes**—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green beans. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ in. thick. Very fleshy, brittle, and tender.

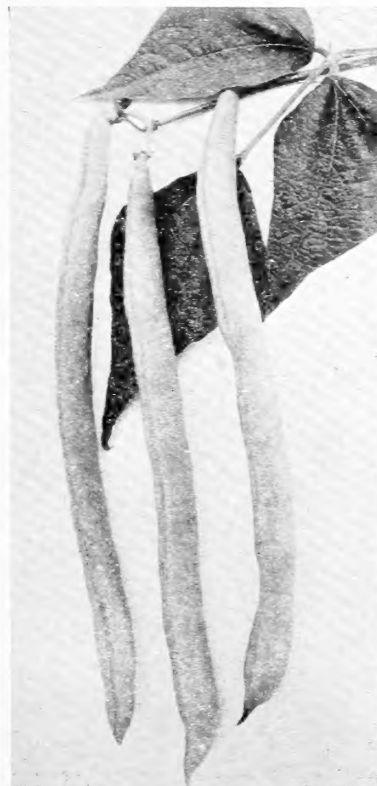
44 **Kentucky Wonder or Homestead**—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes.

Price: Each of above yellow or green pod and Pole beans—4 oz. Pkt., 15c; 1 lb., 45c; 3 lbs., \$1.10; 5 lbs., \$1.60. Add postage at zone rates. See page 3.

QUANTITY PRICES

Each variety considered as a separate quantity.
f. o. b. Salt Lake City

	10-49 lbs. per lb.	50-99 lbs. per lb.	Bag lots 100 lbs.
30 New Stringless Tendergreen ..	.27	.26	\$25.00
32 Landreth's Stringless .....	.24½	.23½	22.50
34 Stringless Black Valentine ..	.24½	.23½	22.50
36 Pencil Pod Black Wax .....	.30	.29	28.00
40 Pole Blue Lakes .....	.28	.27	26.00
44 Pole Kentucky Wonder .....	.28	.27	26.00



Pencil Pod Black Wax

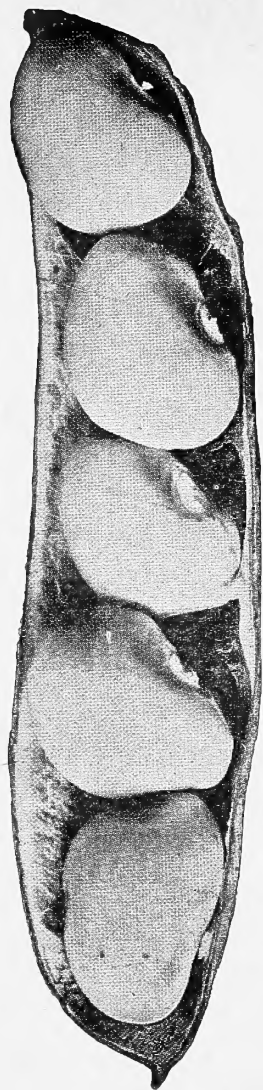
DWARF WAX PODDED BEANS

Sow Same as Green Pods

36 **Pencil Pod Black Wax**—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected, uniform type, vigorous and productive.

LIMA BEANS—Bush and Pole

A pound of Lima Beans will plant 100 ft. of row, about 60 lbs. an acre



56 **Early Market Bush**—63 days. This new, large, flat-seeded Lima bean offers extra advantages to intermountain growers because of its early maturity and its ability to yield under hot weather conditions. It was introduced as an outstanding variety in 1943 by the U. S. D. A.

58 **Fordhook**—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long.

Price—Either of above, 4 oz. pkt., 20c; 1 lb., 50c; 3 lbs., \$1.35; 5 lbs., \$2.00.

BROAD WINDSOR BEANS

50 **Long Pod Fava**—An improved variety having long pods with 4 to 5 large flat beans which are very good cooked either green or dry. They are very hardy and should be planted as soon as the ground can be worked in the spring.

4 oz. pkt., 15c; 1 lb., 35c; 3 lbs., 90c; 5 lbs., \$1.25.

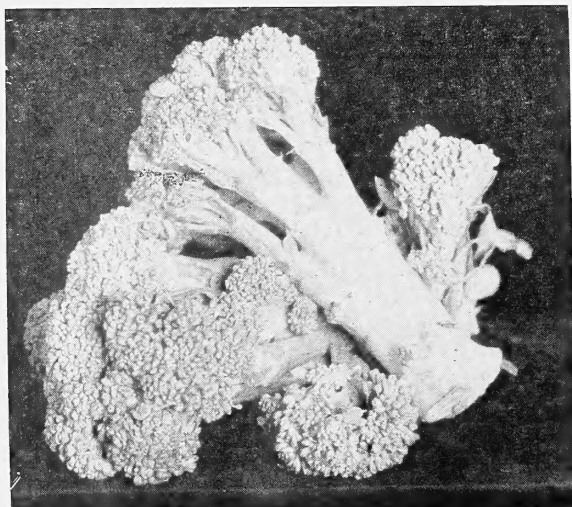


Inoculate all legumes with Nitragin. For Snap beans use 4138 Group D; 1 bu. size, 35c.

For all legumes including Lima Beans, use 4140 Garden Size — pkg., enough for 8 lbs. of seed, 10c.

BROCCOLI

90 **Italian Green Sprouting**—Cultivated like cabbage, it bears a succession of sprouting heads. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.



Broccoli

60 **Henderson Bush (Baby Lima)**—65 days. An early productive sort. Pods about 2 3/4 in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans.

62 **King of the Garden (Pole Lima)**—88 days. A vigorous climber and heavily productive. The beans are oval and fairly plump, pale green at the tender stage and greenish white when mature. Very delicious at either stage.

Price of Henderson and King of the Garden. 4 oz. pkt., 15c; 1 lb., 40c; 3 lb., \$1.05; 5 lb., \$1.50.

QUANTITY PRICES

	f.o.b. Salt Lake City		
	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Early Market Bush	.38	.37	\$36.00
Fordhook	.38	.37	36.00
Hendersons Bush	.27	.26	25.00
King of the Garden (Pole)	.28	.27	26.00
Long Pod Fava	.22	.21	20.00

BEETS

An ounce of seed will sow 60 feet of row; a packet, 15 feet; 10 lbs. will plant an acre in rows spaced 14 inches apart.

80 **Detroit Dark Red (Perfected Strain)**—This beet is one of the most outstanding selections of Detroit Dark Red for dark, uniform, interior color. The root is globe shaped, slightly flattened at base. Especially adaptable for market gardens and possessing excellent canning qualities. Tops are fairly large.

82 **Early Blood (Dark Red Strain)** — 50-55 days. An extra early variety; splendid for home gardens or market. Tops medium in size; roots globe shape. Color is very dark red.

84 **P.-W.'s Early Wonder**—50 days. The earliest of the table varieties. It is globe shaped and very uniform in size, skin smooth, flesh a deep blood red.

86 **Early Flat Egyptian**—Several days earlier than other early varieties.

Beet Prices—Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50; 10 lbs., \$13.50.

MANGELS (Stock Feed Beets)

87 **Giant Half Sugar Rose**—

89 **Giant Sludstrup**—

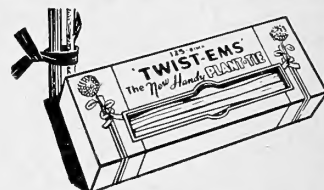
Price of Mangels—lb., 90c; 10 lbs., \$8.00; 100 lbs., \$75.00.

FASTER BUNCHING

Just a twist of the wrist secures vegetables or flowers in bunches. Millions used commercially.

Germaco

TWIST-EMS



4940 Box of 125, 8 inches long 35c

COMMERCIAL GROWERS: Write for Prices

P.-W.'s SPECIAL CABBAGE STRAINS

An ounce of seed will produce about 3,000 plants if sown in frames.

BRUSSELS SPROUTS

94 Long Island Improved—The flavor of these small sprouts or heads is more delicate than that of cabbage. Firm, round, cabbage-like balls about 1¾ in. in diameter mature in succession. Pkt., 10c; oz., 55c; ¼ lb., \$1.65; lb., \$5.00.



Danish Ballhead

CABBAGE PLANTS

Ready After April 15th

6010 Copenhagen Market

6014 Danish Ballhead

6018 Golden Acre

10 for 25c; 100 for \$1.25; 500 for \$3.50;
1000 for \$6.00.

If by mail add 5c for 10, 15c for 100, 30c for 500,
50c for 1000.

100 Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Good yielder and an excellent keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$28.50.

116 Penn State Ballhead—A new Ballhead strain favored by many commercial growers for winter storage and for Kraut. Extremely hard heads 6-7" deep. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$28.50.

102 Danish Ball Head (Short Stem Strain)—We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$28.50.

106 P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market, but smaller. Plants are small, short stemmed and compact. Ours is a true strain from the most reputable grower. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$28.50.

107 GREEN ACRE—65 days. A little larger in size than the Golden Acre making about 20% more tonnage. Large, smooth leaves; dark green in color. Especially valuable to market gardeners and shippers. Pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

112 Perfection Drumhead—90 days. This is the leader of the Savoy types. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00; 10 lbs., \$28.50.

114 Red Stonehead—110 days. The largest and best red cabbage. Pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

CHINESE CABBAGE

117 Chihili—The most popular of any of the Chinese types and very dependable in heading. The heads are 18 to 20 inches long, compact, and pointed at the top. Especially delicious as a salad. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.



Nantes Carrot

CARROTS

An ounce will sow 300 ft. of row; a packet, 60 feet; 2 to 4 lbs., an acre.

122 CHATENAY RED CORED—70 days. The flesh and core are reddish-orange, fine-grained, and tender. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 10 lbs., \$15.00.

124 NANTES (Coreless)—68 days. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and exceptionally fine quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.00.

126 Imperator—77 days. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 10 lbs., \$15.00.

128 Danvers Half Long—75 days. A heavy cropper for home and market garden. Flesh bright orange, crisp and tender. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 10 lbs., \$15.00.

STOCK FEED CARROTS

132 Improved Long Orange—Roots scarlet orange. Heavy cropper. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 10 lbs., \$15.00.

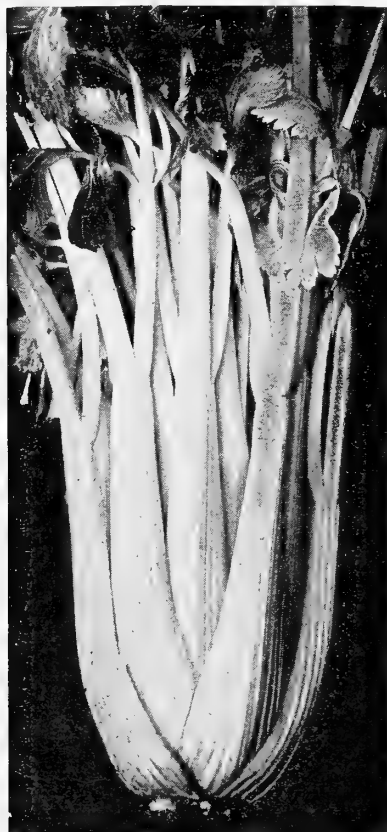
134 Mastodon or Short White—Most productive for stock feeding. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 10 lbs., \$15.00.

CAULIFLOWER

An ounce of seed will produce 1,500 to 2,000 plants in open ground or about 3,000 in frames.

140 P.-W.'s Perfection (Super Snowball)—65 days. It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely. Pkt., 10c; $\frac{1}{2}$ oz., \$1.65; oz., \$3.00; $\frac{1}{4}$ lb., \$8.00; 1 lb., \$25.00.

142 New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., 10c; $\frac{1}{2}$ oz., \$1.65; oz., \$3.00; $\frac{1}{4}$ lb., \$8.00; lb., \$25.00.



Snowdrift Cauliflower

CAULIFLOWER PLANTS

6020 P.-W.'s Perfection (Super Snowball) will be ready after April 15th. 10 for 30; 100, \$1.50; 500, \$5.00; 1000, \$7.50;

If by mail add 5c per 10; 15c per 100; 30c for 500; 50c for 1000 for packing and postage.

CELERY PLANTS

6030 P.-W.'s Improved Utah,—transplanted and grown in flats, hardened off to be ready after May 15th. 10 for 35c; 100 for \$2.00.

CELERY

One ounce, 1,500 plants; half-pound to transplant an acre.

150 P.-W.'s Improved Utah—125 days. The far-famed Utah Celery so much in demand. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any celery. The plant is of close habit, and blanches to a creamy white. Ribs perfectly solid and crisp. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., 10c; $\frac{1}{4}$ oz., 55c; oz., \$1.75; $\frac{1}{4}$ lb., \$5.00; lb., \$15.00.

CELERIAC—Turnip Rooted Celery

156 Giant Smooth Prague—This really delicious vegetable should be in every home garden. The bulbs when cut into cubes, boiled and served with a cream sauce are delicious. Pkt., 10c; oz., 90c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.50.

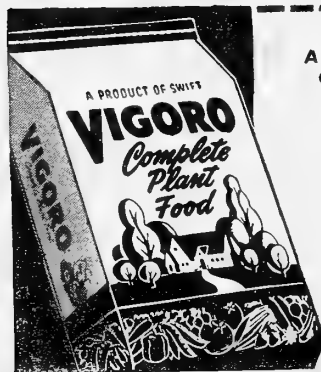
CHICORY

160 Asparagus or Radichetta—Fast growing annual; grown for tops which are used for greens; tender flower shoots also used.

162 Large Rooted or Coffee—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in spring in rows about 2 feet apart. Roots grow 12-14 inches long and 2 inches thick at top, tapered.

Either of above—Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.

FOR VEGETABLES... EXTRA BIG! TASTIER!



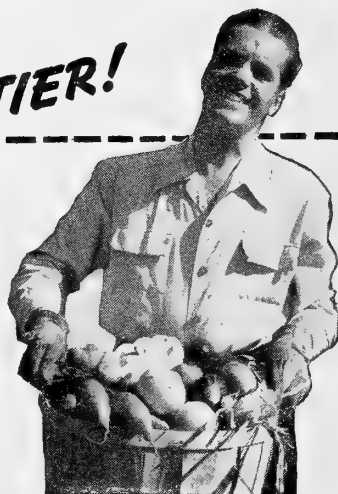
A PRODUCT
OF SWIFT

You'll get more pleasure and greater variety and better quality by growing vegetables in your own garden. It's more economical to grow them, too!

Make vegetable growing easy and successful by feeding your garden with VIGORO.

Vigoro helps attain extra big yields of mineral rich, tastier vegetables! Increases yields up to 252%, recent tests prove. Vigoro is also ideal for lawns, flowers, shrubs and trees.

Prices on page 73



● SWEET CORN ●

One pound will plant about 400 hills; a packet, 100 hills; 12 lbs., an acre.

INCREASE THE YIELD IN YOUR CORN FIELD PLANT HYBRID CORN

GREATER DROUGHT AND PEST RESISTANCE—
GREATER PRODUCTIVITY

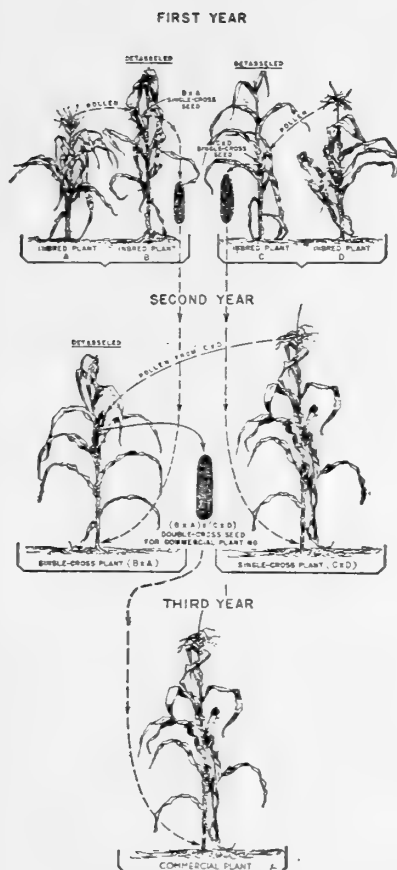
HYBRID VARIETIES

- 178 **SPANCROSS**—70 to 73 days. One of the earliest Hybrids. Produces medium-sized ears with 10-12 rows of medium depth kernels of good flavor and quality. Plants are well rooted, resistant to bacterial wilt, and grow 4½ to 5 ft. tall.
- 170 **Marcross C6.13**—Early hybrid. The 5-foot stalks produce 8 inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days. As both parents are highly disease-resistant, Marcross C6.13 is doubly protected against disease. Usually over 85 per cent of the ears are marketable.
- 176 **IOANA**—Large Eared—Midseason—Wilt Resistant Hybrid—86 days. The ears are large, slightly tapering mostly 8 to 9 inches long, with 12 to 14 rows of creamy yellow, medium deep kernels, which fill the ear well at the tip. These ears are of fine quality, sweet and tender.
- 174 **GOLDEN CROSS BANTAM**—93-95 days. The most prolific of the yellow sweet corn; produces at least 40% more good marketable ears than ordinary stocks. The plant is sturdy, with broad, dark green leaves.
- 194 **LINCOLN**—83 days. Winner of the All American Bronze Medal in 1942. The vigorous well foliated plants have proved to be even more productive than Golden Cross Bantam. Lincoln is exceptionally drought resistant as well as markedly resistant to pests and disease.
- 175 **EVERBEARING BLEND**—A single planting produces edible ears over a period of 4 to 5 weeks. Especially blended for home gardeners, this is a mechanical mixture of four or more proven 12 row hybrids of different maturity dates. It has all the advantages of hybrid vigor and quality.
- Prices—All Hybrid Sweet Corn— 4 oz., pkt., 20c; 1 lb., 50c; 3 lbs., \$1.35; 5 lbs., \$1.85.

QUANTITY PRICES

Each variety considered as a separate quantity

f. o. b. Salt Lake City	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Golden Cross Bantam .....	.35	.34	.33
All Other Hybrid Sweet Corn .....	.36	.35	.34
All Open Pollinated Corns .....	.19	.18	.17



This is the history of each year's crop of Hybrid corn seed

OPEN-POLLINATED VARIETIES

- 180 **Golden Bantam** (True 8-row stock)—72 days. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor.
- 182 **Improved Bantam**—67 days. Fine for garden and market.
- 184 **Golden or Bantam Evergreen** (Also called Golden Rod) 89 days. Plants, 6-7 ft. high; ears 8-10 inches in length filled with 12-14 rows of medium width kernels, tender and of excellent flavor.
- 186 **Golden Sunshine**—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn.
- 188 **Stowell's Evergreen**—98 days. The best known late white variety. The ears about 7-8 inches long, 14-20 rowed.

Prices—All open-pollinated Corns—4 oz. pkt., 15c; 1 lb., 35c; 3 lbs., 85c; 5 lbs. \$1.15.

GROW WORM-FREE CORN

The European Corn Borer enters the corn plant in the axils of the leaves and at the base of the ears. It weakens the stalks so that they break easily and eats into the kernels and the cob.

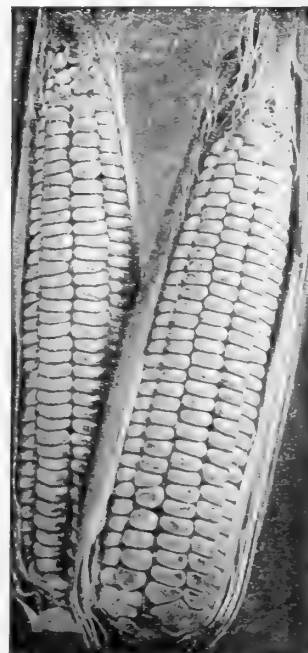
The Corn earworm is more prevalent in the United States, doing its damage in the tops of the corn ears.

Both these pests are the larvae of night flying moths, one laying its eggs on the under side of the leaves and the other in the silk as it emerges from the ear.

Ortho Pest-B-Gon spray or dust containing DDT will control both borers and earworms. Spray or dust the plants every 10 days during late May and June being careful to cover the under side of the foliage. When the silk begins to grow, apply Pest-B-Gon dust at 2 or 3 day intervals for more complete control of the corn earworm.

3293 **PEST-B-GON DUST 10% DDT**—10 oz. Duster, 60c; 2 lb. pkg., \$1.00.

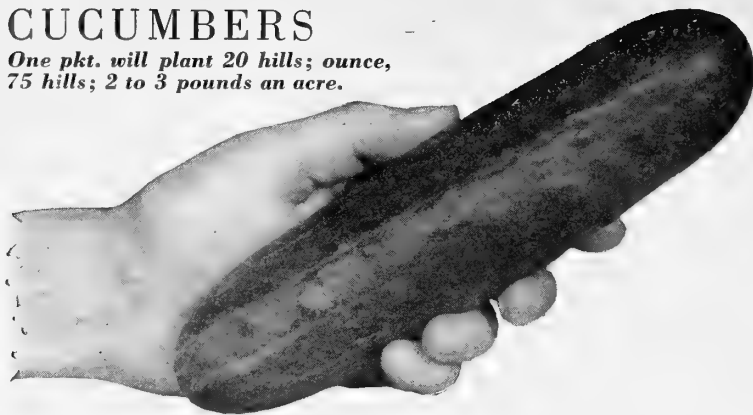
3275 **PEST-B-GON SPRAY 20% DDT**—4 oz., 65c; 16 oz., \$2.00.



Marcross C6.13
A leading early
Hybrid Sweet Corn

CUCUMBERS

One pkt. will plant 20 hills; ounce,
75 hills; 2 to 3 pounds an acre.



207 **MARKETER**—A splendid new early variety producing very dark green cylindrical fruits which taper slightly at the ends. The fruits are from 7½ to 8 inches long, and 2¼ inches in diameter. The flesh is crisp, and icy-white in color. Tests have shown it to be one of the most prolific varieties in existence, and its uniform shape and attractive color make it an excellent market variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25.

COLLARDS

216 **Georgia Southern or Creole**—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

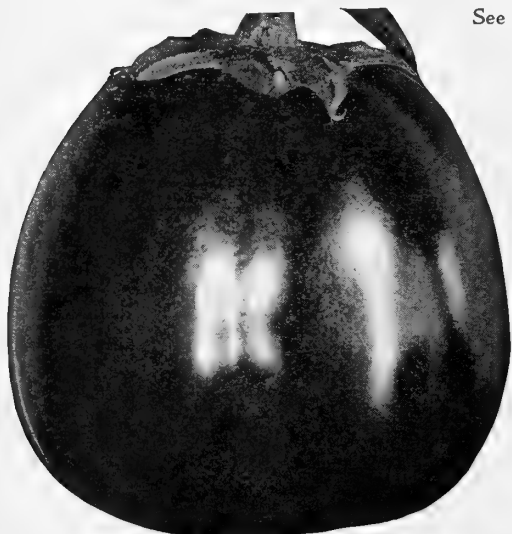
CRESS

½ ounce to 100 feet of row.

218 **Extra Curled or Pepper Grass**—Adds an excellent flavor to salads. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

DILL

See herbs on opposite page.



Black Beauty Egg Plant

EGG PLANT

One ounce grows 1,000 plants.

220 **Black Beauty**—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive; deep and rich color. Pkt., 10c; oz., 90c; ¼ lb., \$2.75; lb., \$8.00.

6050 **Plants**—Black Beauty plants grown in flats will be available after April 15th. 10 for 35c; 100, \$2.00.

If by mail add 5c per 10; 15c for 100, for packing and postage.

202 **Boston Pickling**—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. It continues to be the most popular for home use. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

203 **COLORADO**—60 days. The finest slicing cucumber. Beautiful, long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

204 **Cubit**—This winner of the 1944 All-American Selections Bronze Medal, is a dark green white spine, cylindrical cucumber with rounded ends. Its handsome appearance and firm white flesh are retained for a long time after picking. It is a prolific bearer, producing more and better fruits for early picking. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

206 **Improved Long Green**—62 days. Very vigorous and productive. Fruits long, uniformly slender, beautiful dark green. The stock we offer is second to none. Prices—Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

ENDIVE

One ounce, 300 feet; 4 to 5 pounds
per acre

A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches.

226 **Broad Leaved Batavian**—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salad.

228 **Green Curled**—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive.

Either of above—Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00; 10 lbs., \$19.00.

HORSE RADISH

Roots should be planted small end down and covered with two inches of soil in rows and set 15 to 20 inches apart.

7006 **Marliner-Kren**—This is considered superior to common Horse Radish. 70c per 10; \$5.00 per 100.

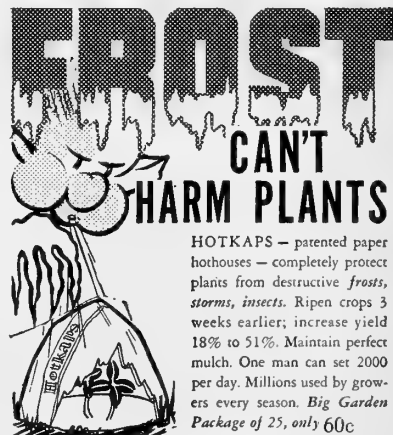
4025

Pkg. of 25
wt. 1-lb.\$.60

Pkg. of 100 (with
setter) wt. 5-lbs. 2.20

Pkg. of 250 (with
setter) wt. 9-lbs. 4.15

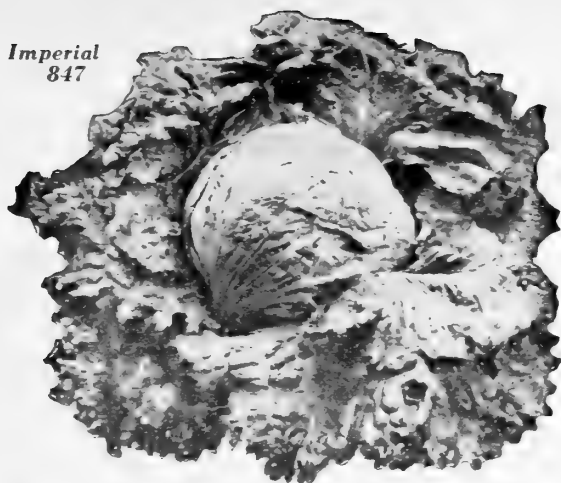
Carton of 1000
wt. 28-lbs. ea. \$12.00



HOTKAPS—patented paper
hothouses—completely protect
plants from destructive frosts,
storms, insects. Ripen crops 3
weeks earlier; increase yield
18% to 51%. Maintain perfect
mulch. One man can set 2000
per day. Millions used by grow-
ers every season. Big Garden
Package of 25, only 60c

Germāco
Hotkaps

*Imperial
847*



Dwarf Curled Scotch Kale

HERBS—Aromatic and Sweet

- 240 Anise (15")—Seeds and leaves for flavorings.
 242 Caraway (15")—Seed used to flavor breads, etc.
 244 Catnip (20")—Leaves used for flavoring.
 245 Coriander (30")—Seed used in bread and confectionery.
 246 Dill (36")—Seed used in soups and stews. Most used for pickling. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10.
 248 Fennel—Stems for salads—Seeds flavor candy.
 250 Horehound—Foliage and roots used for flavoring.
 252 Sweet Marjoram (24")—Used for salads and dressings. Sage—(See page 16.)
 254 Summer Savory (12")—Leaves flavor salads, dressings, etc.
 Prices of above, except where noted, Pkt., 10c.

KALE

One packet for 100 ft., 2 lbs. per acre.

A species of cabbage. The leaves are cooked as greens.

- 260 Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimped. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00

KOHL RABI

One ounce of seed sows 300 feet of row

- 266 Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.
 Price—Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

LEEK

Seed should be planted in June for good plants in the Fall or Winter.

- 270 American Flag—Best variety, having good thick stems which are also long, vigorous and mild flavored.
 Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.85; lb., \$5.50.

LETTUCE

*An ounce of seed will sow 250 ft. of row;
about 2 lbs. an acre.*

- 273 CORNELL NO. 456—A splendid new selection of the Imperial type developed by the United States Department of Agriculture and Cornell Experiment Station. It has proved very sure heading, and is particularly adapted for growing on muck soils. The frame and head are slightly smaller than Great Lakes and of a lighter green color. It is resistant to tip burn and early bolting. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00; 10 lbs., \$47.50.
 272 GREAT LAKES—A really superior lettuce, winning top place in the All-American Selections for 1944. Being very resistant to tip burn, able to withstand heat and sun, and remarkably slow to throw a seed head, Great Lakes is already the most popular summer lettuce. The heads are large, crisp and very attractive. Pkt., 10c; $\frac{1}{2}$ oz., 35c; 1 oz., 55c; $\frac{1}{4}$ lb., \$1.65; 1 lb., \$5.00; 10 lbs., \$47.50.
 274 Imperial No. 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. Large, firm heads, dark green, and of high quality. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50; 10 lbs., \$33.50.
 276 Imperial No. 44—Surest Heading "Iceberg" Lettuce—This new lettuce has proved to be the outstanding "Iceberg" Lettuce to grow. It is the variety which does best on a wide range of soils, both upland and muck, especially on muck. Not only does it head better than any other strain, but has shown definite resistance to tip burn. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50; 10 lbs., \$33.50.
 280 P.-W.'s New York No. 12—77 days. A single plant selection from the regular New York or Los Angeles market strain. It is early, makes large, solid heads, uniform in maturing. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50; 10 lbs., \$33.50.

LOOSE LEAF LETTUCE

- 286 Early Curled Simpson—45 days. A popular early sort, forming a large, loose head.
 288 Prizehead—47 days. Large, loose headed sort; leaves tinged with brown, very heavy.
 Prices on each of above—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.60.

MUSTARD

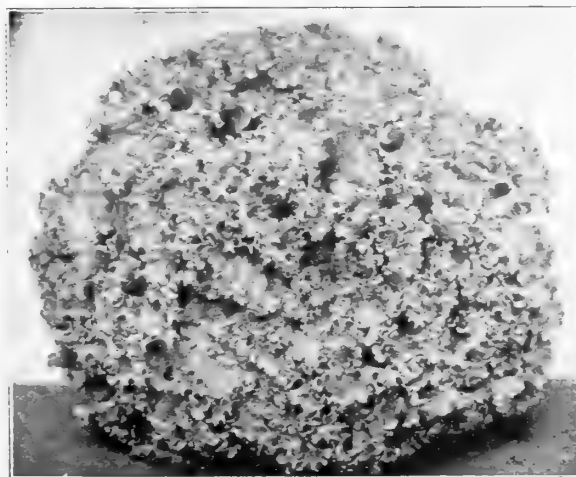
An ounce plants 50 ft. of row.

Excellent greens cooked the same as Spinach.

- 294 Giant Southern Curled—Curled leaf, large. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 85c.
 297 Large Smooth Leaf—Large and vigorous. The leaves are large, broad-oval, and deep green; margin toothed but otherwise plain. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 85c.

MANGELS

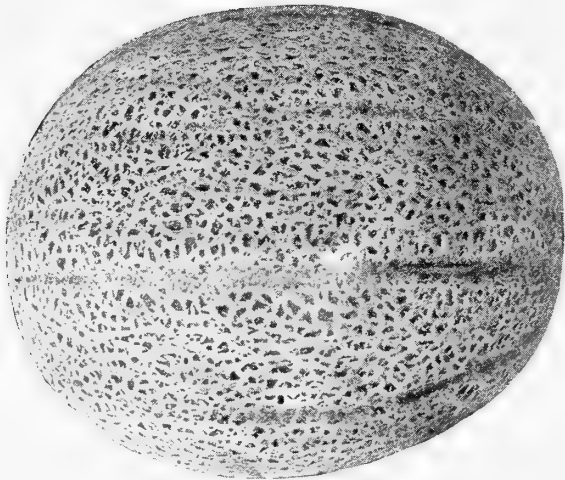
Mangels—See page 6.



Looseleaf Lettuce

MUSKMELONS OR CANTALOUPE

A packet of seed will plant about 15 hills; an ounce, 75 hills; 2½ lbs., an acre.



Hales Best Type Muskmelons

302 **HALES BEST NO. 36**—85 days. Size 5½ x 5½", weight about 3 lbs. Shape, slightly oval and very uniform. Desirable for any purpose, home, garden, roadside stands, and shipping. Flesh, pink, very thick, richly flavored.

310 **HALES BEST NO. 936**—87 days. This is the Jumbo. It serves well those who desire a large melon of this type.

OKRA or GUMBO

A packet of seed will sow 15 ft. of row; an ounce, 50 ft.

340 **Dwarf Green**—50 days. Early dwarf growing variety with dark green pods. Its early maturity and good quality make it popular with market growers.

342 **Clemson Spineless**—55 days. An improved Perkins long-podded type. Awarded All-American silver medal in 1939. A very uniform spineless strain; straight pods rich green.

Price of above—Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Okra Clemson Spineless

304 **Resistant No. 45** (Also called "Imperial No. 45" and "H. B. No. 45")—86 days. Size 6 x 5½", weight about 4 lbs. It is not only resistant to powdery mildew and the ideal shipping melon, but it is rapidly becoming a leader everywhere. Seed cavity is small, flesh thick and deep colored, delicious flavor. The fact that the seed cannot be jarred loose and remains edible and really better 10 days after picking, makes it a most desirable shipper.

306 **Honey Dew (Gold Rind, Green Flesh)**—110 days. Excellent for roadside stands because of attractive color. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender.

308 **Hearts of Gold Improved**—88 days. A fine shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange-yellow, excellent flavor, firm, and holds up well.

312 **Rocky Ford (Green Flesh)**—95 days. Popular everywhere. Spicy flavor difficult to improve.

CASABA MELONS

300 **Golden Beauty**—105 days. Most popular of the Casabas. It is a bright golden color and deeply wrinkled skin when mature. The flesh is creamy white, sweet and spicy.

Prices on all of above Muskmelons and Casaba—Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.00.

WATERMELONS

A packet of seed will plant about 8 hills; an ounce, 25 to 30 hills; 2 to 3 lbs. will plant an acre.



Green Klondike

322 **Kleckley Sweet No. 6 (Wilt Resistant)**—88 days. A selected type which has proven almost fully resistant to wilt. Slightly smaller than "Improved Kleckley Sweet," but otherwise identical. Pkt., 10c; oz., 25c; ¼ lb., 65c; 1 lb., \$2.00.

332 **King and Queen (Winter)**—85 days. An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.25; 10 lbs., \$21.50.

326 **GREEN KLONDIKE**—90 days. Solid dark green, showing light ribs running lengthwise. Truly delicious. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.50.

328 **STRIPED KLONDIKE No. 11**—90 days. A new selection of the attractive and universally popular shipping melon which carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight is 30 lbs., slightly larger than the parent strain. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 10 lbs., \$21.50.

ONIONS

A packet of seed will sow about 25 feet of row; ½ ounce, 100 feet; 3 to 6 lbs., an acre.

352 Sweet Spanish (Utah Strain Certified)—Hundreds of carloads of sweet Spanish Onions are dispatched from Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, large size, trueness to type, and fine keeping qualities. Only packages of one pound or more will bear the certification seal. Pkt., 10c; ½ oz., 50c; oz., 85c; ¼ lb., \$2.50; lb., \$7.50; 10 lbs., \$72.50.

374 Evergreen White Bunching—The onions are produced in clusters of 4 to 9 long, leek-like, silvery white stalks which are excellent for bunching. The stalks are twice the size of ordinary bunching onions. The plant is hardy and sometimes used as a perennial. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00; 10 lbs., \$47.50.

358 Crystal White Wax—Very large white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

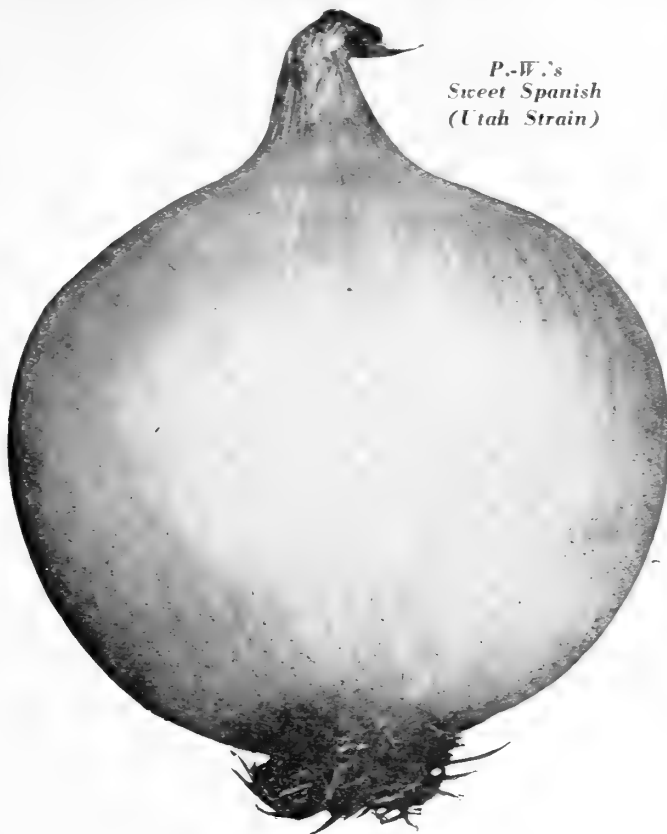
360 Southport White Globe—A fine white onion. The bulbs are round, medium large, solid, and pure white. The flesh is waxy, fine grained, and mild. Keeps well in fall storage. For large market growers, it always commands the highest prices. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00; 10 lbs., \$57.50.

362 P.-W.'s White Sweet Spanish—Similar in shape, size, and habits of growth to P.-W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. A fairly heavy yielder and the bulbs sell for the top market prices. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

367 Early Yellow Globe—This is the best early yellow onion for commercial growers, and is a most satisfactory variety for the home garden. The onions are medium large, deep yellow and nearly globe shape. The fine tight skin makes them an exceptionally good keeper. They are vigorous and productive growing uniformly large globe onions even under adverse conditions. Earliness in maturity insures minimum damage from thrips. Pkt., 10c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.50; lb., \$7.50; 10 lbs., \$72.50.

366 Barletta—The best extra early small variety for pickling and green bunchings. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs. per acre. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.25; 10 lbs., \$41.00.

372 White Portugal or Silverskin—An all purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00.



*P.-W.'s
Sweet Spanish
(Utah Strain)*

ONION SETS

*A quart (1 lb.) will set
75 to 100 feet of row.*

Onions grown from sets mature 3 to 4 weeks earlier than those grown from seed.

376 Yellow Sets

378 White Sets

1 lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00.

If by mail add postage at zone rate.



Onion Sets

ARASAN

New Disinfectant and Protectant

"Arasan," the latest development in garden seed treatments, gives better control of plant disease on most varieties of vegetable seeds. If used as directed it will usually reduce seed decay and damping-off caused by surface seed-borne and soil-borne fungi and bacteria. Among the various vegetable seed protectant dusts "Arasan" is considered the most consistently effective. An outstanding advantage is that its tendency to injure seed is much less than that of the organic mercury treatments. Also, treated seeds may be stored for long periods without injury from the chemical. "Arasan" is easily and quickly applied and economical to use. On large seeds, such as beans, corn, etc., ⅓ teaspoon of "Arasan" will treat 1 pound of seed and 2 oz. will treat 100 pounds. Fine seeds, such as onion, etc., require only ⅔ teaspoon for 1 pound or 4 oz. for 100 pounds.



PRICES

1 oz., 16c
8 oz. can, 80c
4 lb. can, \$5.16

PEAS

A packet of seed will sow about 10 feet of row; a pound, 100 feet; 100 to 200 pounds, an acre.



Giant Stride



Laxton's Progress

382 **Bliss Everbearing**—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt.

386 **Giant Stride (Wilt resistant)**—75 days. This is the largest podded variety of commercial importance. Especially adapted for the market gardener and shipper. The vine grows 28 to 30 inches tall with large dark green foliage and heavy stem. The pods are 5½ in. long, dark green and plump, containing 8 to 10 large tender peas. **Giant Stride** is an excellent variety for cold storage use.

390 **Laxton's Progress**—63 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas.

392 **Little Marvel**—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and are esteemed for their high table quality. The peas are fairly large at table stage.

396 **Stratagem**—80 days. Fine late variety for home gardens, market growers, long-distant shippers. 24 in. vines; 4½ in. pods; color, dark green. A very fine variety and a heavy yielder.

Each of above, 4 oz. pkt., 15c; 1 lb., 40c; 3 lbs., \$1.05; 5 lbs., \$1.50; 10 lbs., \$2.50.

IMPORTANT

To obtain the 3, 5 or 10 pound rate your order must be for 3, 5 or 10 pounds of a single variety.

QUANTITY PRICES

f.o.b. Salt Lake City

Quantity rates are allowed only on orders for 20 or more pounds of a single variety. When ordering several varieties the price must be calculated separately for the respective quantity of each variety ordered.

	20-49 bs. per lb.	50-99 lbs. per lb.	Bag lots 100 lbs.
Bliss .....	.22	.21	20.00
Giant Stride .....	.22	.21	20.00
Laxton's Progress .....	.23	.22	21.00
Little Marvel .....	.22	.21	20.00
Stratagem .....	.22	.21	20.00

INOCULATE YOUR LEGUMES WITH NITRAGIN

Many believe once a field has been planted with inoculated Legume seeds that any future similar Legumes planted on the same field need not be inoculated. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year. It seldom pays to depend upon natural inoculation. The safest method is to inoculate legume seed each time the seed is planted.



The **NITRAGEN** 10c Garden Size Inoculator—good for any amount up to eight pounds of Garden Peas, Sweet Peas, Lupines, Garden Beans, Lima Beans and Soybean Seeds—is packed in a special scientific metal foil lined can.

Catalog Number 4140
10c each

DO YOU KNOW:

- The average longevity of pea seed?
- The average yield per 100 foot row?
- The vitamin, mineral and calorie content?

THE POCKET BOOK OF VEGETABLE GARDENING

Contains the answers to these and many other cultural questions for all the popular vegetable families.

ONLY 25c

PARSLEY *1 oz. 150 feet of row 3 to 4 lbs. per acre*

- 402 **Champion Moss Curled**—A vigorous compact sort. Deep green color and attractive foliage. One of the best for market or home use.
- 404 **Double Curled**—A standard dwarf variety, having deeply cut and curled leaves.
- 406 **Hamburg (Rooted)**—Fleshy roots resembling parsnips. Flesh, white. Roots may be dug and carried through winter like turnips. 100 days.
- Prices, all of above—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.25; 10 lbs., \$12.00.

PARSNIPS *1 oz. for 100 feet 5 to 6 lbs. per acre*

- 408 **Ideal Hollow Crown**—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.05; 10 lbs., \$10.00.
- 410 **New Harris White Model**—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are important points in its favor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.05; 10 lbs., \$10.00.

PUMPKINS

1 oz. 20 hills; 3 lbs. per acre

- 412 **Connecticut Field (Big Tom)**—Large orange colored fruits, flat on the ends with smooth, hard rind. For canning or pies, also used largely for stock feed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 10 lbs., \$14.00.
- 418 **Sugar Pie Pumpkin**—A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 10 lbs., \$14.00.

PEPPERS

1 oz. per 1,000 plants

- 420 **California Wonder XXX Strain**—Has all the qualities desired in a stuffing pepper. Grows 4 inches in length and $3\frac{1}{2}$ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. The most uniform and highest quality strain. Pkt., 10c; $\frac{1}{2}$ oz., 60c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.50; lb., \$11.00.
- 428 **Anaheim Chili**—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long, 1 inch wide, tapered. Pkt., 10c; oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.75.
- 430 **Long Red Cayenne**—Strong and pungent; fruits about 5 in. long and $\frac{3}{4}$ in. thick. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.75.
- 436 **Red Chili**—Small, bright red, hot and pungent. About 2 in. long and $\frac{1}{4}$ - $\frac{1}{2}$ in. thick. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.75.

PEPPER PLANTS

6060 California Wonder XXX

Sturdy, well grown plants with plenty of roots.
35c per 10; \$2.00 per 100. If by mail, add 5c per 10; 15c per 100 for packing and postage. Prices of larger quantities for collect shipment mailed on request.

"GRO-QUICK" ELECTRIC SEED BED HEATER

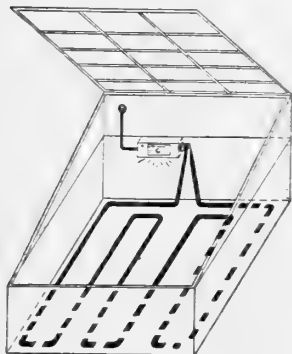
Be a month ahead of neighboring gardens

SOIL HEATING CABLE for hotbeds, cold frames, unheated greenhouses, plant benches. Will last for years. No failures. . .

Money back guarantee. Operates from household current. Adjustable thermostat has pilot light.

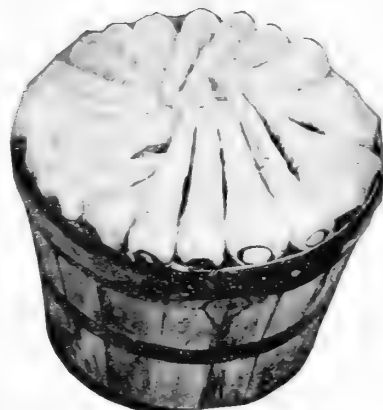
4915 **JUNIOR GRO-QUICK** with Thermostat and 40 foot 200 watt cable for 3 foot x 6 foot bed. \$5.35.

4917 **SENIOR GRO-QUICK** with Thermostat and 80 foot 400 watt cable for 6 foot x 6 foot bed. \$6.95.



SMALL SIZES EXEMPTED

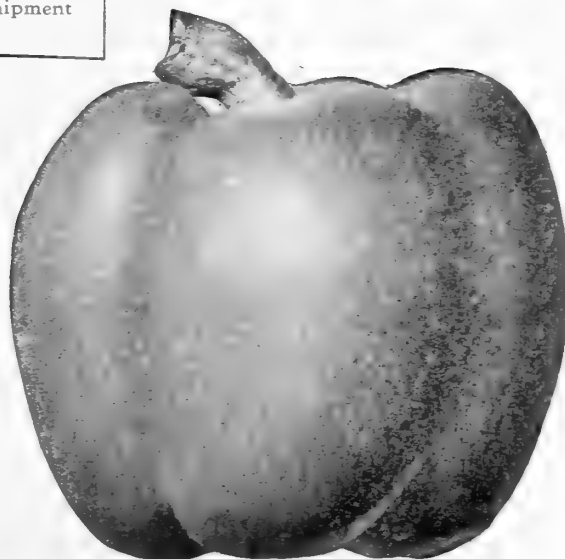
Although all stock in this catalog is priced f.o.b. Salt Lake City, the weight of vegetable seeds in packets and ounce size need not be considered with shipping weights for postage. Include weights for postage on each item of $\frac{1}{4}$ pound or more.



New Harris Model Parsnip



Sugar or Pie Pumpkin



California Wonder XXX

POTATOES

10 lbs., 100 feet of row—800-1000 lbs. per acre.

Seed Potatoes

- 440 **Bliss Triumph**—Early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops.
- 442 **Idaho Russet**—The best baking potato. Its pearl white, dry and mealy flesh cannot be surpassed. Late maturing.
- 444 **Irish Cobbler**—The leading early, round, white potato. Potatoe prices are subject to market changes. Write for quotation.

Imp. Semesan Bel

3576

— Controls seed-borne Rhizoctonia and scab. 2 oz. will treat 6 to 8 bushels. Prices—2 oz. pkg., 35c; 1 lb., \$1.83; 4 lbs., \$6.33.

SEMESAN BEL

For Highest Production

RADISHES

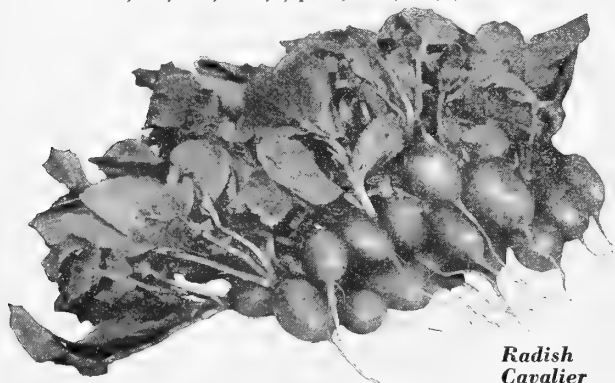
1 oz., 50 feet of row—3-4 lbs. per acre.

- 455 **Cavalier**—Because of its medium top growth in hot weather, Cavalier is the best of the Scarlet Globe types for summer plantings. It matures quickly with uniform, olive shaped roots of brilliant scarlet. Cavalier is very early and a valuable radish for greenhouse forcing. Flesh crisp and firm. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 10 lbs., \$10.00.
- 452 **P.-W.'s Sparkler**—The radishes are round, brilliant scarlet with white bottoms. Ready for the table in 20 days from planting. Its color gives an appetizing appearance.
- 454 **Crimson Giant**—29 days (Long standing) This is the largest of the early radishes. It is deep crimson in color with white flesh of unexcelled quality, which holds its firmness well.
- 456 **French Breakfast**—24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; scarlet color with white tip.
- 458 **Early Scarlet Globe (Medium Top)**—It is preferred for general outdoor culture where a good top is desired for bunching. Rich scarlet color; tender, mild flavor. Bred for uniformity of slightly oval globes. Crisp white flesh of splendid quality.
- 460 **Icicle**—Pure white, slender, and tapering in shape. The flesh is crisp, and of splendid flavor. 27 days.
- Radish Prices except Cavalier—Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 95c; 10 lbs., \$9.00; 100 lbs., \$85.00.

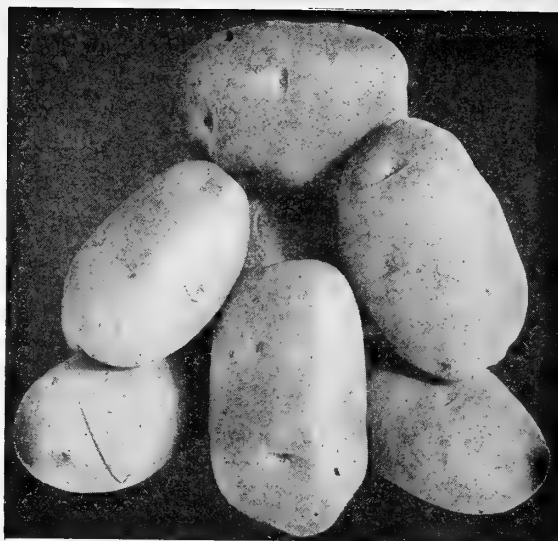
Winter Varieties

Seed for winter radishes should be sown about the first of August. For winter use, the roots should be pulled and packed in damp sand stored in a cool cellar.

- 466 **Celestial or White Chinese**—Pure white, firm. Price—Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10.



Radish
Cavalier



P.-W.'s Mountain Grown Potatoes



Rhubarb, MacDonald Red

RHUBARB OR PIE PLANT

- 7007 **Victoria Roots**—3 for 60c; \$1.80 per 10; \$15.00 per 100.
- 7009 **MacDonald Red**—This variety is now generally considered the best red Rhubarb obtainable. The stalks are very large and bright crimson in color. They are tender, of excellent flavor and when cooked they make a delicious deep pink sauce. Propagated only from divisions. Strong Roots, 75c each; 10 for \$6.00; 100 for \$50.00. Postage and packing extra—8c each or 50c for 10.

SAGE

- 480 **S. Officinalis**—An indispensable perennial much in demand for seasoning. Pkt., 10c; ½ oz., 65c; oz., \$1.20; ¼ lb., \$3.50.
- 6070 **One year plants**—3 for \$1.00; 10 for \$2.95. Postage extra, 40c for 10.

SALSIFY

Cultivate the same as carrots. Can remain in the ground all winter for early spring use.

- 486 **Mammoth Sandwich Island**—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored. Pkt., 10c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00.

SPINACH

$\frac{1}{4}$ lb. seed will sow 200 ft.;
12 to 20 lbs., an acre.

490 **Bloomsdale Long Standing Improved** (Savoy-leaved)—We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting to seed. Highly recommended to spinach growers who demand only the finest.

Prices—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; 10 lbs., \$6.00; 100 lbs., \$50.00.

SWISS CHARD

$\frac{1}{4}$ lbs. of seed will sow 250 ft. of row;
10 lbs., an acre.

496 **Fordhook Giant**—The rich dark green leaves are very crinkled, thick, and quite tender, making excellent boiling greens. The wide, pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the leading variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.25; 10 lbs., \$11.50.

498 **RHUBARB CHARD**—A valuable novelty, with dark green crumpled leaves above bright crimson stalks. Very attractive in appearance and excellent in flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; 10 lbs., \$19.00.

NOW YOU CAN GROW

SQUASH

SURELY! — EASILY!

No more hand picking of squash bugs every morning—no more wasted time and garden space with little or no crop to harvest at the end.

You can grow squash and pumpkins now with a minimum of pest control work and be reasonably sure that the plants will grow and produce a crop.

Sabadilla dust, a recently discovered insecticide, is the only sure control for squash bugs which does not retard the growth of the plants. It kills the adult bugs as well as the young, thus offering immediate protection. Beginning when bugs are first noticed, apply Sabadilla Dust every 5 to 10 days for continuous control. Include a package with your squash seed order. It is packed in one, three, and fifty pound packages.

3313 **SABADILLA DUST** 1 lb., 55c
3 lbs., \$1.35; 50 lbs., \$12.50.



Spinach Bloomsdale Long Standing Improved

SQUASH

Summer Squash

$\frac{1}{4}$ lb. of seed will plant about 100 hills;
5 to 6 lbs. of seed an acre.

502 **Early Prolific Straightneck**—The fruits are very uniform for shape and size and the skin is a clear, bright yellow color, with no trace of green even when young. Small vine growth allows thick planting. They are usable when only 4 to 5 in. long and until 12 to 14 in. long.

504 **Cocozelle Bush**—Is long and cylindrical. Dark green when young, and fine flavored. Bush vines.

506 **Early White Bush**—Fruits are rather small, quite flat, with scalloped edges. They are produced in amazing quantities, and if kept picked will bear until frost. Snow-white at all times.

510 **Early Yellow Summer Crookneck**—Fruits heavily warted and golden yellow in color. We have a beautiful pure line strain.

512 **Zucchini Black**—Replacing Cocozelle. Fruits long and slender, showing a black green color when young. We believe they have a better flavor. Price, each of above—Pkt., 10c; oz., 20c $\frac{1}{4}$ lb., 50c; lb., \$1.50; 10 lbs., \$14.00.

Winter Squash

$\frac{1}{4}$ lb. of seed will plant 50 hills;
3 to 4 lbs. of seed an acre.

514 **Banana (Blue)**—Popular winter squash. Fruits 18 to 24 inches long and about 7 inches in diameter. Slate grey color; flesh fine-grained, deep yellow, dry, and sweet.

516 **Chicago Warted Hubbard**—Dark green, flesh dry and sweet. Very hard shell insures long keeping qualities. It is the largest of the green Hubbards and is thickly covered with warts. Undoubtedly the most popular of any squash in this class.

518 **Green Delicious**—Believed the driest and sweetest of any of the winter squashes. Fruits 8 lbs.,

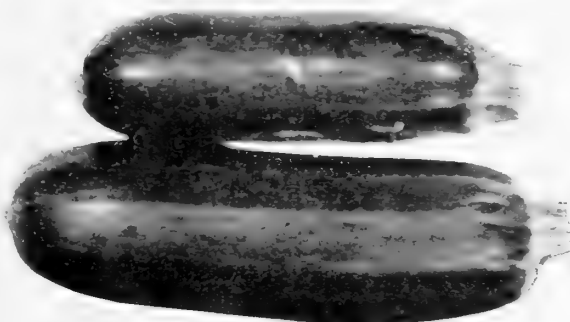
520 **Golden Delicious**. The color is a bright golden with lighter stripes. An excellent small squash for roadside and market; also widely used for canning. Wonderful flavor.

522 **Golden Hubbard**—It is a little smaller than the Green Hubbard types and a few days earlier. Fruits 8 to 10 lbs., orange-red color. Flesh deep orange, dry and of good quality. Keeps well.

Price, each of above—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00; 10 lbs., \$19.00.

524 **Table Queen (Acorn)**—An individual size squash. Outside color, green; flesh, light orange; dry, sweet flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Although all stock in this catalog is priced f.o.b. Salt Lake City, the weight of vegetable seeds in packets and ounce size need not be considered with shipping weights for postage.



Zucchini Black

TOMATOES *The Pride of Your Garden and Table*

An ounce of seed will produce about 2,000 plants. Approximate number of days from setting plants to ripened fruits are indicated.

530. P.-W.'s **EARLY CANNER**—The fruits are smooth, very red, and not susceptible to cracks. Vines are compact in habit, allowing three plants in the space ordinarily required for two. Many years have been spent in tests and selection, to combine the virtues which make it an outstanding variety for all gardeners. 70 days. Pkt., 10c; $\frac{1}{2}$ oz., 75c; oz., \$1.35; $\frac{1}{4}$ lb., \$4.00; lb., \$12.50.
- 534 **CARDINAL**—A modern introduction in the main crop class. It is an early Stone-type, ripening about 8 days earlier than Improved Stone and bearing over a long season. The fruits are large, smooth, semi-globe shaped with unusually deep interior color and thick solid section-walls. Pkt., 10c; $\frac{1}{2}$ oz., 90c; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50; lb., \$14.00.
- 536 **Earliana Special**—We earnestly believe our strain is the finest of this first early type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days. Pkt., 10c; oz., \$1.00; $\frac{1}{4}$ lb., \$2.75; lb., \$8.00.
- 540 **Stokesdale**—An excellent medium early tomato, ripening in season of John Baer and adapted for market and canning. The fruit is medium size, deep globe-shape, very solid and of fine quality. The vines are very prolific. Pkt., 10c; oz., 85c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.50.
- 542 **Stone (Improved)**—Enormous yielder. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days. Pkt., 10c; oz., 80c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.50.

Small Fruited Tomatoes

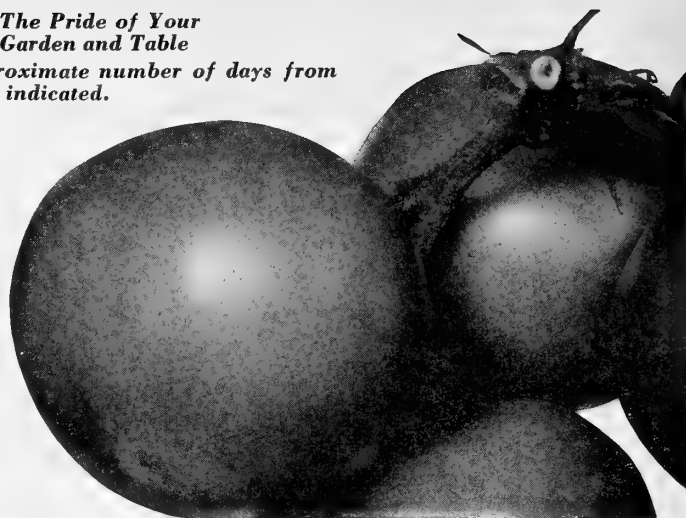
- 556 **Huckleberry (Wonderberry)**—The fruit is as large as a grape and jet black when ripe. Makes delicious pies, jellies, jams, etc. Pkt., 10c; $\frac{1}{2}$ oz., 80c; oz., \$1.50.

TURNIPS *It requires 1 to 1½ lbs. of seed per acre in drills An ounce will sow 300 feet of row*

- 560 **Purple Top White Globe (Special Strain)**—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market, garden and shipping variety and always sells at advanced prices over ordinary sorts. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 75c; 10 lbs., \$7.00.

Rutabaga or Swede Turnip

- 570 **American Purple Top**—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine-grained, very sweet and tender. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 70c; 10 lbs., \$6.50.



P.-W.'s Early Canner

P.-W.'s STURDY TOMATO PLANTS

For many years we have made a speciality of growing tomato plants. Our plants are transplanted into flats scientifically grown, sturdy and well hardened; and are far superior to plants taken directly from the seed bed or greenhouse to the field.

6080 P.-W.'s Early Canner

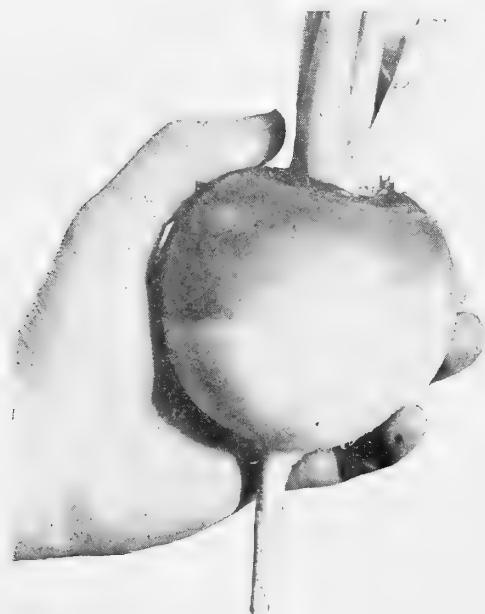
6082 Earliana

6088 Imp. Stone.

6086 Stokesdale

Ready from about May 1 to June 25th.

Price—35c per 10; \$2.10 per 100: If by mail add 5c per 10 or 15c per 100 for packing and postage. Prices mailed on request on large quantities for pick up here or for express collect shipment.

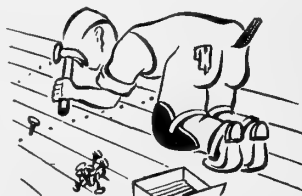


NEEGARDS—

Are back to make spring garden work more comfortable and pleasant.

Ideal for harvesting, planting, weeding, house work, linoleum laying, shingling and many other jobs.

4075 Neegards per pair \$1.50.



RUBBERIZED FABRIC GLOVES

Liquid-proof
Snag-proof
Dirt-proof

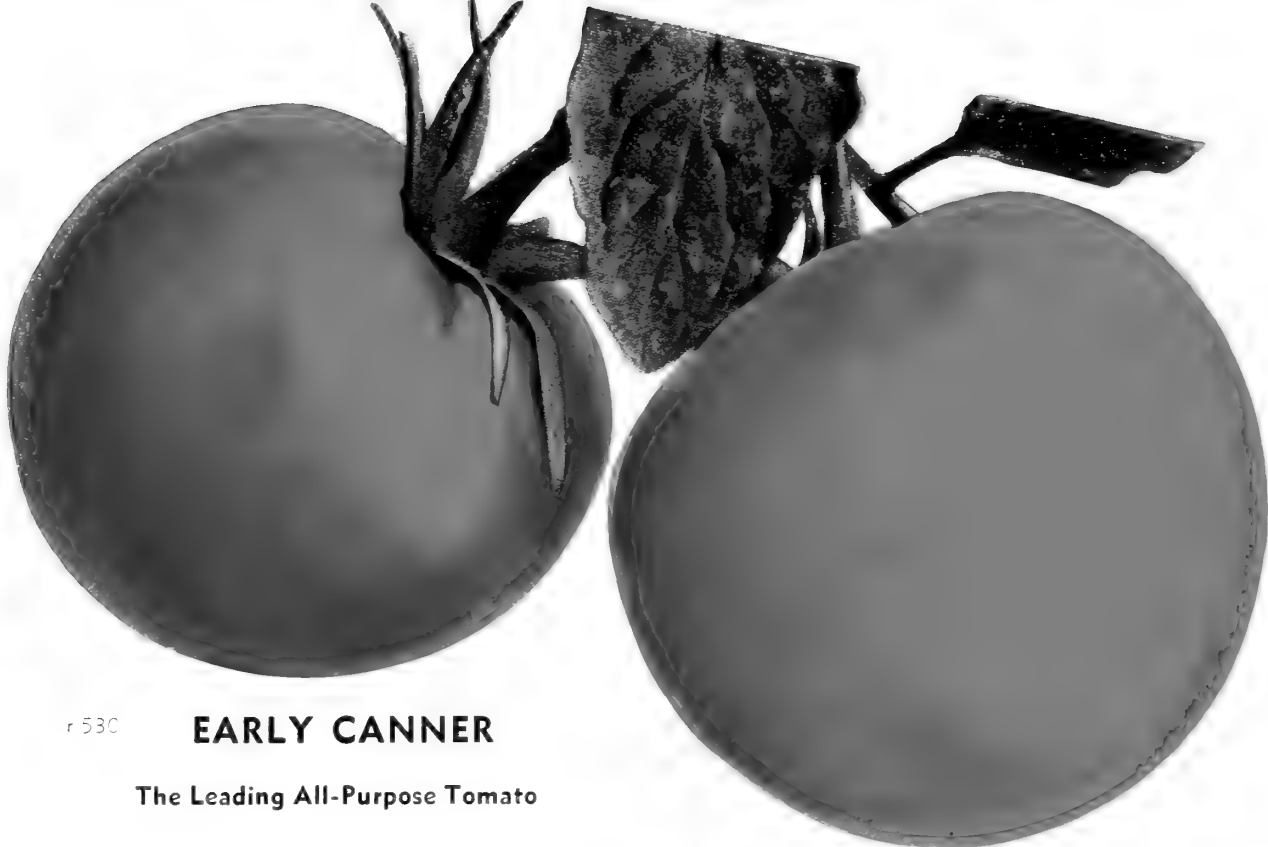
Long wearing and highly resistant to oils, solvents and chemicals.

4080 Men's Knit
Wrist

98c pr.

4081 Mens'
Gauntlet

\$1.25 pr.



r 530

EARLY CANNER

The Leading All-Purpose Tomato

The fruits are smooth, very red, and not susceptible to cracks. Vines are compact in habit, allowing three plants in the space ordinarily required for two. Many years have been spent in tests and selection, to combine the virtues which make it an outstanding variety for all gardeners. 70 days.

Pkt., 10c; ½ oz., 60c; oz., \$1.10

n 350

UTAH SWEET SPANISH ONION

STATE CERTIFIED

Hundreds of carloads of Sweet Spanish Onions are dispatched from Utah districts every season. The importance of onions as a major Utah crop demands greatest care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence, color, size, and fine keeping qualities.

Pkt., 10c; ½ oz., 50c; oz., 85c

NOTE:: Only packages of one pound or more will bear the certification seal.



f 30

TENDERGREEN BEAN

Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless greenpod sort. Maturing in 53 days, the pods are dark green, stringless and free from fiber. **Tendergreen** is a dependable cropper for home or commercial gardens.

6 oz. pkt., 20c; 1 lb., 40c; 3 lbs., \$1.00; 5 lbs., \$1.35

n 458

SCARLET GLOBE (Early) RADISH

Early Scarlet Globe Radish is preferred by home and commercial gardeners alike because of its uniform size and rich color, crisp tender flesh and medium top growth which permits easy bunching.

Pkt., 5c; oz., 15c; ¼ lb., 35c





DWARF GIANTS of CALIFORNIA Petunia

u 1492 **Ramona Strain**

The dwarf habit of these plants makes neater borders. The giant ruffled flowers are even more spectacular in their many shades and intricate markings.

Pkt., 50c



GLEAM HYBRID Nasturtium

u 1332 **Gleam Hybrids Mixture**

Anyone who has not become acquainted with the fragrant double Gleam Hybrids has missed the aristocrat of the Nasturtium family. The plants are thrifty; the flowers long stemmed.

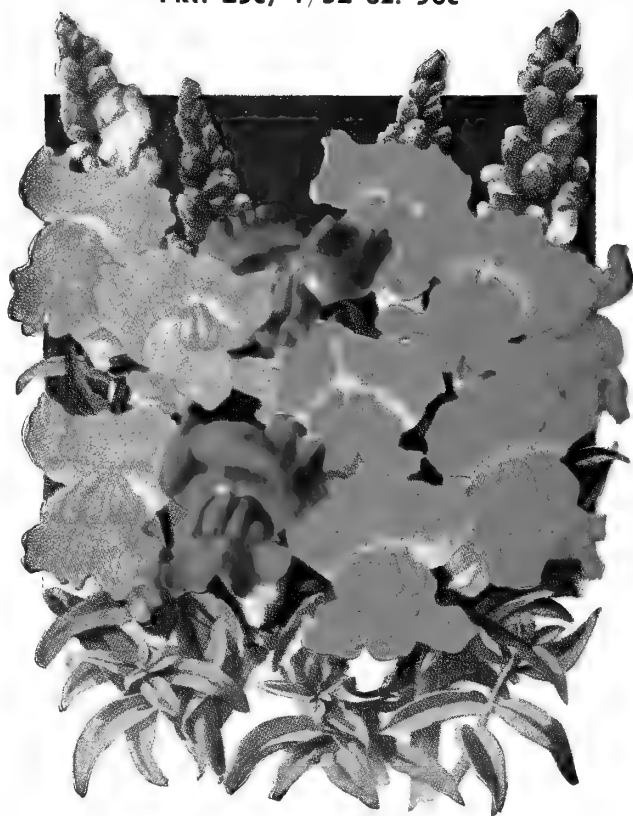
Pkt., 10c; oz., 40c; 1/4 lb., \$1.25

SUPER GIANT Snapdragon

u 940 **Garden Blend**

The development of this new rust-proof strain has made Snapdragons more popular than ever. Plants are base branching, each producing up to 1 1/2 dozen long, graceful spikes.

Pkt. 25c; 1/32 oz. 50c



EL MONTE Super Giant Aster

u 994 **El Monte** is one of the superior Asters.

The huge flowers are composed of daintily inter-laced, plume-like petals of deep glow-crimson.

Pkt. 15c; 1/16 oz. 50c



The Finest Flower Seeds •



TO GET THE MOST FROM THE BEST

Study the code letters accompanying each family or variety name and the key on page 77 to gain many cultural tips which will enable you to grow a greater variety of flowers with added success. It takes only a minute to find when and where to plant and also the general use of any flower.

For more immediate selection this extra grouping of early producers will help give your 1947 garden an early start.

Plant indoors (in pots or flats) in March or early April. Transplant to the garden when danger of frost is past.

Asters
Snapdragons
Lobelia
Morning Glories
Marigolds
Petunias
Phlox
Verbenas

Plant outdoors when ground is warm. *May be planted in early April.

Ageratum
*Alyssum
Balsam
*Calendula
*California Poppy
Centaurea
Dianthus
Gypsophila
Nasturtium
*Poppies
Scarlet Runner Beans
Zinnias

**For Quick Growth . . .
. . . Early and Continuous Blooming**

**The quick easy and dependable means
to your last minute
Beautification Project**

(Antirrhinum) *ajrFCN*

Snapdragons

MAXIMUM (Tall Varieties)

The following varieties and mixture have been selected from the many in the "maximum" family as THE BEST OBTAINABLE. Clear true colors, large flowers and strong vigorous rust-resistant plants are the characteristics of this group.

- 920 **Alaska**—Pure white is a neutral color which either blends or contrasts with other colors. White, for this reason, is desired for interior floral decoration.
 - 924 **Canary Bird**—Bright Clear Yellow, deepening at the lip. Very attractive in the garden and exceptional indoors in bouquets.
 - 930 **Crimson**—Deep crimson for glowing garden effects.
 - 932 **Indian Summer**—Reddish bronze and golden hues.
 - 934 **Loveliness**—Soft, rose-pink.
 - 936 **Rosalie**—A rich deep rose with an underlying tone of topaz or amber.
 - 940 **Blend of Maximum Super Giants**—Not a random mixture, but a studied combination of harmonizing colors in their various shades and tints.
- Price: Each of above, pkt., 25c; 1/32 oz., 50c.

Semi Dwarf Snapdragons

Nanum Grandiflorum
(16-20")

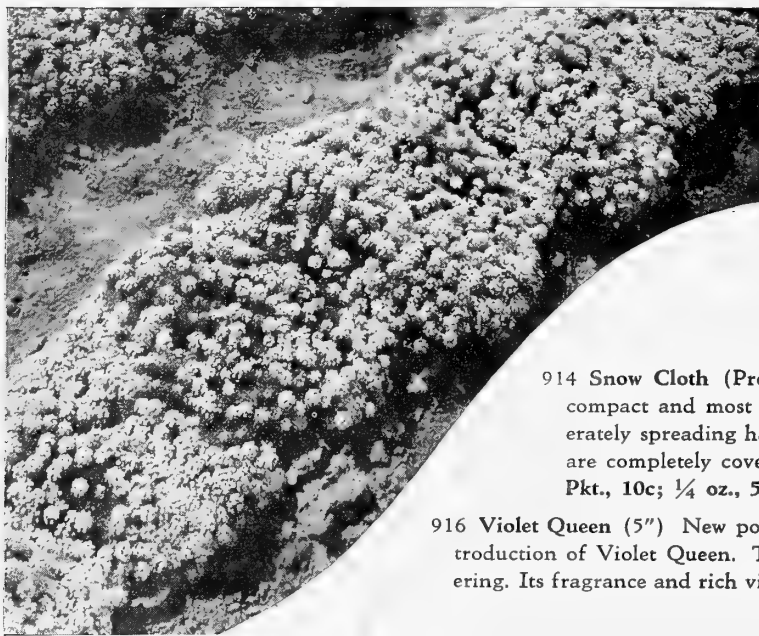
The plants of the Nanum strain are neat, compact and upright and produce simultaneously 10 to 16 well proportioned flower spikes. Because of their medium low, sturdy habit and the fact that they require no staking, they are exclusively recommended for garden beds and borders. As cut flowers also, their straight strong stems make the Nanum Grandiflorums particularly useful for medium or low arrangements. Cutting the blooms encourages growth of new spikes, keeping the beds in flower all season.

- 948 **FORMULA BLEND**
—A distinctive color range. Pkt. 25c; 1/32 oz., 50c.



Annuals Make Summer's Greatest Show

Use them throughout the garden for showy beds,
cut flower rows and low neat edgings



A border of *Alyssum Snow Cloth*

AGERATUM

904 **Midget Blue** *ajuFH* (3-4") The best and most uniform of all the Ageratums in both habit and color. The low mound-like plants make exceptionally pretty narrow ribbon borders. Its deep lavender-blue color balances the light oranges and yellows of taller plants making a garden of pleasing harmony. Pkt., 35c.

ALYSSUM *ajuFHN*

914 **Snow Cloth** (*Procumbens*) (4") Snow Cloth is the dwarfest, most compact and most floriferous variety in the Alyssum family. Its moderately spreading habit is highly valued for narrow borders. The plants are completely covered with fragrant flowers of pure white. Pkt., 10c; 1/4 oz., 50c.

916 **Violet Queen** (5") New possibilities in color harmony were opened with the introduction of Violet Queen. The plants are dwarf, neatly compact, and free flowering. Its fragrance and rich violet shades are very desirable. Pkt., 10c; 1/8 oz., 35c.

ASTERS *aorsCDHN*

The Aster is one of the most satisfactory annual flowering plants. Its various sizes, colors and forms of flowers and its good upright branching habit make it an excellent subject for garden effect as well as for cut flowers.

Below:
Aster, Princess Strain



955 **PRINCESS ASTERS MIXED** (20") Wilt Resistant, charming and graceful in both plant and flower. The Princess Asters have a full crested center surrounded by rows of broader guard-petals. They offer a slightly more formal effect in the garden as well as when cut for indoor decoration where they have splendid keeping qualities. They bloom early and plentifully. Pkt., 15c; 1/16 oz., 50c.

Early American Beauty—(24-30")—Wilt Resistant—The outer petals reflex and the center ones curved gracefully inward. Magnificent for cutting.

960 White	966 Crimson	970 Deep Rose
962 Light Blue	968 Shell Pink	972 Mixed
964 Dark Blue		

Each of above—Pkt., 10c; 1/16 oz., 40c.

GIANT CREGO—(24-30") Wilt Resistant—Large flowers are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed.

974 White	978 Crimson	982 Light Blue
976 Rose Pink	980 Dark Blue	984 Mixed

Each of above—Pkt., 10c; 1/8 oz., 35c.

994 **El Monte (Super Giant)**—(24") Immense, brilliant, glowing crimson flowers. Pkt., 15c; 1/16 oz., 50c.

996 **Los Angeles (Super Giant)**—(24") Pure, shell-pink. Pkt., 15c; 1/16 oz., 50c.

Plan Now to Win Some of the • • Prizes of the 1947 Flower Shows

Plant the Best Seeds—Give Them the Best Care

Improved Giant Double Calendulas akrsBDGN

Calendulas are among the easiest of all annual flowers to grow and also one of the most useful for garden beds or for cutting. They begin blooming when quite young, and if kept picked will flower until frost.

1012 **CHRYSANTHA** or **SUNSHINE** (18")—Large beautifully formed flowers of overlapping petals, in an arrangement resembling Chrysanthemums. Its color of rich warm buttercup-yellow is a favorite for producing brighter garden effects. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

1016 **ORANGE KING**—A glowing orange with incurved center petals. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

1018 **DOUBLE GIANT MIXED**—All colors. Pkt., 5c; $\frac{1}{4}$ oz., 25c.



Calendula Chrysantha Sunshine

BALSAM (Lady Slipper) akrsCHS

1006 **Double Camellia-Flowered Mixture** (18")—Today's Balsams are greatly improved over their predecessors. They blossom continuously in many colors. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CALIFORNIA POPPY (Eschscholtzia) ajsBJN

1024 **Mixed**, all colors (8")—Many shades. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

CALLIOPSIS akrsFHN

1032 **Finest Mixed** (12")—Pkt., 5c; $\frac{1}{4}$ oz., 35c.

CANDYTUFT ajsBHN

1036 **Giant Hyacinth-Flowered White** (12")—Large spikes of snowy white flowers, sturdy and compact. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

1038 **Umbrellata Finest Mixed** (12")—Pkt., 5c; $\frac{1}{4}$ oz., 30c.

CARNATIONS

1040 **Giant Marguerite Mixed** (15")—Begin to flower in a few weeks from time of sowing. Pkt., 10c.

CELOSIA (Coxcomb) akrsFHU

1044 **Chinese Woolflower** (30")—Rapid grower with many branches terminating in a flower head resembling a ball of colored wool. The color remains unfaded with frost. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

1046 **Crested Dwarf Mixed** (15")—Fine dwarf habit with broad compact plumes resembling giant rooster combs. Pkt., 10c; $\frac{1}{16}$ oz., 30c.

1050 **Plumosa, Finest Mixed** ($2\frac{1}{2}$ -3 ft.) Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CENTAUREAS

1054 **Cyanus Blue Boy** (24")—Large, fully double flowers of intensified blue. Long stems for cutting. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

1058 **Cyanus Mixed (Bachelor Buttons)** akrBGN (24")—A double flowering mixture of many colors. Pkt., 5c; $\frac{1}{8}$ oz., 15c.

1060 **Imperialis Mixed (Sweet Sultan)** (30")—akrBGN—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CHEIRANTHUS (Siberian Wallflower)

1070 **Golden Bedder** aknsBJN (12")—A very free-flowering plant producing golden yellow flowers. Pkt., 10c; $\frac{1}{8}$ oz., 15c.

CLARKIA akrsFHN

1080 **Elegans Double Mixed** (1")—The flowers are best described as resembling sprays of Double Flowering Almond. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

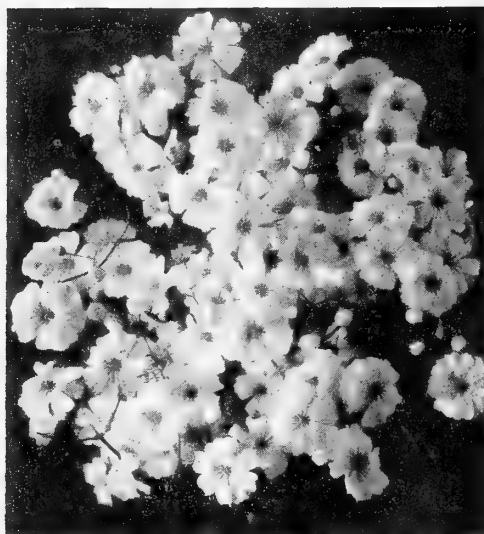


Celosia Plumosa

Small Successive Plantings in the Cutting Garden Provide "Loads" of Blossoms All Summer



Gourd Small Varieties Mixed



Gypsophila Covent Garden

FOUR O'CLOCKS

- 1148 Four O'Clocks (Mirabilis) (2') ajsFH—Showy plants that do well everywhere. Flowers open in the afternoon except on cloudy days when they bloom all day. Mixed colors. Pkt., 10c; ¼ oz., 25c.

GYPSOPHILA

- 1168 Elegans Covent Garden ajrBH (2')—Large, pure white. Several sowings will keep up a supply. Pkt., 10c; ½ oz., 25c.

GODETIA (12'') ajsFH

People who live in higher valleys where the summers are not too hot will find these showy flowers unexcelled.

- 1158 Dwarf Single Mixed—Pkt., 10c; ½ oz., 35c.

GOURDS (8') akEHU

Large Gourd fruits make attractive decorations at harvest festivals. The small ones may be placed in bowls for table decorations. Bird houses, dippers, bowls, and toys are made of others.

- 1160 Small Varieties Mixed—Pkt., 5c; ½ oz., 30c.

- 1164 All Varieties, Mixed—Pkt., 5c; ½ oz., 30c.

COSMOS ajstFHN

Giant Early Flowering Sensation (5'-6')—The unusual size (3-4" diameter) of the Sensation Group and its new individual colors are putting Cosmos "Back on the Map" in many gardens.

- 1114 Dazzler—Rich, deep crimson.
1118 Pink—Sparkling rose pink.
1120 White—Pure and glistening.
1124 Mixed Colors—Many beautiful shades.

Price of Sensation varieties: Pkt., 10c; ½ oz., 25c.

- 1106 Early Double Cosmos (5')—Smaller than the sensation type, but of very pleasing form. Pkt., 10c; 1/16 oz., 40c.

CYNOGLOSSUM (Chinese Forget-Me-Not)

- 1130 Firmament ajsFH (18")—A new dwarf type of Chinese Forget-Me-Not with flowers of vivid indigo blue. Bronze Medal Winner. Pkt., 10c; ¼ oz., 30c.

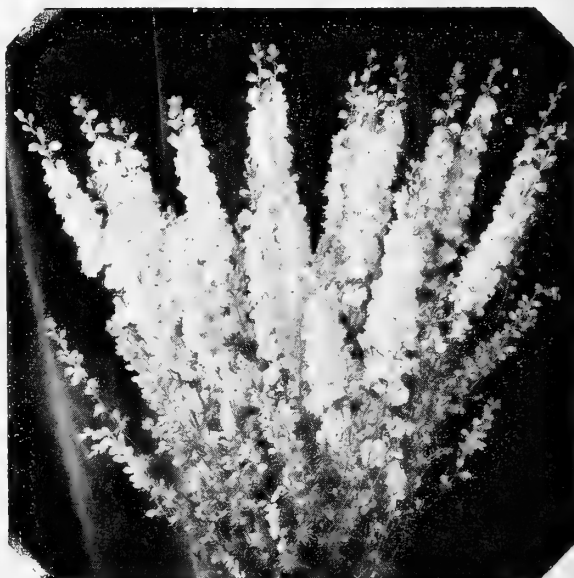
DIANTHUS (Garden Pinks)

- 1132 Best Single Mixed ajsBN (10")—Garden Pinks. Pkt., 10c; ½ oz., 35c.

- 1134 Best Double Mixed ajsBN (10")—Pkt., 10c; ½ oz., 35c.

GROWING TIPS

On page 77 you will find briefly stated many cultural hints. The code letters after each plant name are a guide to their use.



THE NEW KING LARKSPURS

akrsFCN

The new King Larkspurs are the last word in this important floral family. In size, in richness and clarity of color, and in abundance of flowers they have not been equaled. Together with the Giant Imperial strain they complete a fine color assortment.

- 1194 CARMINE KING—Carmine
1198 DAINTEINESS—Lavender
1202 BLUE SPIRE—Blue
1204 LILAC KING—Lilac
1206 LOS ANGELES—Salmon
1208 ROSE KING—Rose
1210 WHITE KING—White
1218 GIANT IMPERIAL MIXED—These and other beautiful shades.

Price—Each of above, Pkt., 10c; ½ oz., 35c; ¼ oz., 55c.

Annual Flowers for Cutting are Easily Grown In the Borders of the Vegetable Garden

HELICHRYSUM *akrsCHN*

- 1170 Strawflower (24")—Mixed, all colors.
Pkt., 10c; 1/8 oz., 40c.

KOCHIA *aksDU*

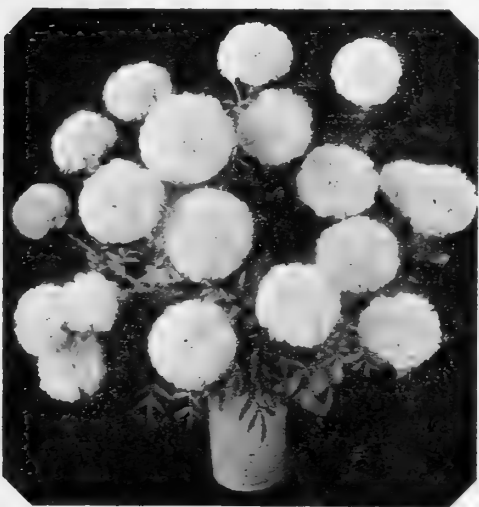
- 1180 Childsii (Burning Bush) (30")—Resembles a close-clipped ornamental evergreen. In autumn becomes blood-red. Pkt., 5c; 1/2 oz., 25c.

LOBELIA *akuFKS*

- 1224 Crystal Palace Compacta (6")—Rich, deep blue, dark foliage, Pkt., 10c; 1/32 oz., 45c.

MORNING GLORIES

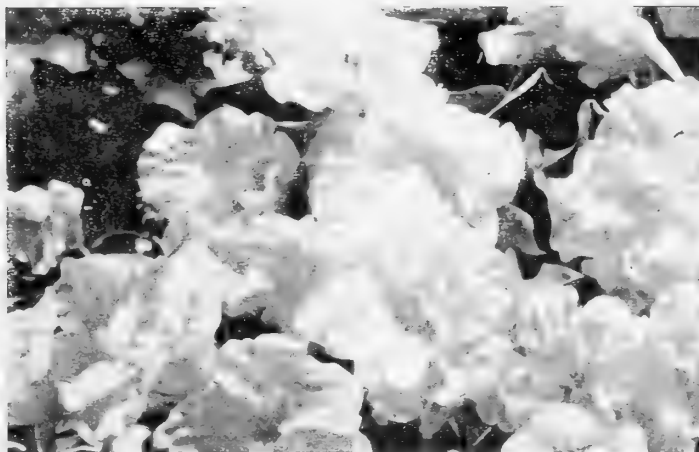
- 1298 Heavenly Blue. The purest, richest sky blue shading to soft creamy white in the throat. It blooms very early and continues until frost. Pkt., 10c; 1/4 oz., 35c.
1294 Pearly Gates—A grand early flowering pure white. It companions Heavenly Blue in its nature of growth, size and quantity of bloom. Pkt., 10c; 1/8 oz., 35c.
1300 Tall Mixed—All colors. Pkt., 5c; 1/2 oz., 25c.



Marigold Gypsy Jewels

1266 GYPSY JEWELS

Gypsy Jewels Mixture is an exceptionally fine dwarf growing form of the popular Gigantea type. The plants grow only 12 to 18 inches tall, but produce many sweet scented flowers which are as large as 4 to 4 1/2 inches in diameter. They are neat, compact and very free flowering, ideal for low beds. The colors range widely through the brilliant shades of orange, yellow and primrose. Pkt., 10c; 1/8 oz., 25c.



Gleam Hybrid Nasturtiums

GLEAM HYBRID NASTURTIIUMS (12'') *aksuFHR*

Double flowers and sweet fragrance go far toward making this group one of the most used annuals. Their habit is also neat and compact and the flowers are long stemmed.

- 1324 Golden Gleam—A blaze of golden yellow. (See cut above)
1328 Scarlet Gleam—Fiery orange-scarlet.
1332 Gleam Hybrids—A gorgeous color array. (See illustration on page 29)
Any of above—Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; lb., \$3.50.

SINGLE NASTURTIIUMS

- 1310 Best Tall Single Mixed (24")—Pkt., 5c; oz., 40c.
1314 Best Dwarf Single Mixed (12'') Pkt., 10c; oz. 40c.
Quantity prices: 1/4 lb., \$1.25; lb., \$3.50.

NICOTIANA

The flowers open toward evening and emit a fragrant perfume.
1370 Affinis Choice Mixed (2')—Pkt., 10c; 3/16 oz., 25c.

MARIGOLD *ajstFKH*

- 1256 All Double Orange (48")—Splendid large orange flowers of the improved African type.
1260 All Double Lemon (48") A clear attractive lemon yellow of large size.
Either of above: Pkt., 10c; 1/8 oz., 40c.
1264 All Double Mixture (48")—Extra large double flowers in particularly well blended colors. Pkt., 10c; 1/8 oz., 40c.
1272 Dwarf French Double Monarch Strain (20")—A greatly improved strain, very compact with large double flowers in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; 1/8 oz., 35c.
1276 Dwarf French Double Harmony Hybrids (12'')—100% All Double flowers of yellow orange with rich mahogany guard petals, average 1 3/4 inches in diameter. One of the outstanding introductions. Pkt., 10c; 1/4 oz., 35c.
1280 Sunkist—Silver Medal Winner 1943. The tiny six to eight-inch mound-like plants are literally covered with blossoms. Grand for bedding, borders or pot culture. Pkt., 10c; 1/8 oz., 35c.
1284 Signata Pumila (Gnome) (6'')—Dwarf plant, with delicate, fern-like leaves, densely covered with single flowers of bright golden yellow. Pkt., 10c; 1/16 oz., 25c.

IMPORTANT NOTICE

Although all stock in this catalog is priced f.o.b. Salt Lake City, the weight of flower seeds need not be calculated unless ordered in lots of 1/4 lb. or more of any one variety.

Appreciation Grows Stronger for the Flowers That Have Survived the Test of Time



PANSIES (5'') akruFJS

- 1380 **Giant International Mixture**—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings. Pkt., 50c; 1/16 oz., \$1.25.
- 1384 **Roggli's Swiss Giant**—Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across. Pkt., 50c; 1/16 oz., \$1.75.
- 1392 **Rocky Mountain Giants**—A fine Swiss strain grown in our own Rocky Mountains. It has been outstanding in our trials for balance of colors and large size of blooms. Pkt., 50c; 1/16 oz., \$1.00.

PETUNIAS ajsFKL

GIANT FLOWERING FRINGED TYPES

- 1422 **Dwarf Giants of California (Ramona Strain)**—Dwarf ruffled and fringed, with open, well-marked throats. Pkt., 50c.
- 1426 **Ruffled Monsters**—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt., 50c.
- 1427 **Theodosia (20'')** A distinctive variety with large fringed flowers of rich rose-pink with a clearly defined golden center. Its size, form and pleasing color contrast are reason enough for its wide popularity. Pkt. 50c.

SINGLE GIANT FLOWERING

- 1430 **Elk's Pride (Improved Purple Prince)**—Largest, darkest, and best velvety purple. Pkt., 50c; 1/64 oz., \$2.00.

SINGLE BEDDING TYPES

For continuous profusion of bloom, vivid coloring, and ease of culture, this class of Petunia is unsurpassed. The newest varieties are of more dwarf habit, very neat and compact.

- 1432 **Celestial Rose (12-15'')**—A beautiful rich satiny rose. Pkt., 25c; 1/32 oz., 45c.
- 1438 **Blue Bedder (12-18'')**—Dwarf free flowering. Pkt., 25c; 1/32 oz., 45c.
- 1433 **GLOW (10-12'')** An All American Silver Medal Winner. The most vivid red dwarf Petunia. The plants are dwarf and bushy; and are covered with 2½ inch flowers of dazzling carmine red. Pkt., 25c; 1/32 oz., 75c.
- 1442 **Snow Queen (12-15'')**—Compact, pure satiny white. Pkt., 25c; 1/32 oz., 45c.
- 1436 **Hybrida Mixture (18-24'')**—Unending variety of color. Pkt., 10c; 1/16 oz., 40c.

Mix small seeds such as Petunias with fine sand before sowing. The seeds will have more space to grow into sturdy plants.

Swiss Giants in Colors

- 1398 **Berna**—Dark violet blue.
- 1400 **Coronation Gold**—The best true golden yellow.
- 1402 **Alpinglow**—Rich garnet-red.
- 1404 **Rhinegold**—Large yellow with dark center.
- 1406 **Swiss White**
- 1408 **Lake of Thun**—Marine blue.
- Price of any of above, Pkt., 50c; 1/16 oz., \$1.25.

Scotch or Tufted Pansies (Viola Cornuta) (5'')
ajruFJS—Bloom all Summer from seed sown in early Spring and are valuable for rock gardens, edging beds and borders. Requires protection during winter.

- 1410 **Chantreyland Apricot**—Pkt., 50c; 1/16 oz., \$1.25.
- 1412 **Arkwright Ruby**—Pkt., 50c; 1/16 oz., \$1.25.
- 1414 **Blue Perfection**—Pkt., 50c; 1/16 oz., 1.00.
- 1416 **Yellow Gem**—Pkt., 50c; 1/16 oz., 75c.
- 1418 **Papilio**—Violet. Pkt., 50c; 1/16 oz., \$1.00.
- 1420 **Mixed All Colors**—Pkt., 50c; 1/16 oz., 75c.

6500 **PANSY PLANTS** — Giant flowering plants carefully grown from the world's finest strains. Price 75c per doz. Plants ordered by mail will be wrapped in ½ dozens. Add 15c per doz. for postage and packing. Express shipments will be packed 12 plants per basket (4 baskets per crate) \$5.00 per 100.

- 1444 **TOPAZ QUEEN (12-15'')**—A scarlet rose of unusual depth that does not fade. Its habit is uniformly compact and its flowers are larger than the average of this type. Pkt., 25c; 1/32 oz., 45c.



Petunia Snow Queen

P.-W.'s Giant Sweet Peas akorFGS

Summer Flowering Spencers (72")

We offer the very choicest and most distinctive varieties, each one in its respective color is sure to give entire satisfaction.

- 1580 **Bonnie Briar**—A sparkling rose pink of immense size.
 1582 **Capri**—Wonderful light blue, with long stems. A fine, vigorous grower, and most desirable in every respect.
 1588 **Flora**—Clear deep lavender self.
 1590 **Golden Dragon**—Large blooms, with blended shades of bright orange, and soft orange rose.
 1592 **Loch Lomond**—Mahogany.
 1594 **Maytime**—Rich golden cerise with large flowers and long stems.

- 1598 **Rubicund**—A crimson scarlet, vigorous in growth.
 1600 **Snow White**—Immense blooms of solid paper white.
 1604 **Welcome**—A really magnificent dazzling scarlet. A vigorous grower with excellent stems.
 1610 **P.-W.'s Giant Spencer Silver Gilt Medal, Mixed**—The finest assortment of Giant Spencers obtainable at any price. A formula mixture containing 75 named varieties, including the latest novelties.
 Any of above—Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

Early Flowering Spencers (72")

This new type is in great demand for forcing under glass and for outdoor culture, coming into flower five or six weeks earlier than the summer flowering type. If flowers are kept picked, will continue to bloom over a period of nearly four months.

- 1550 **Bacchus**—Mammouth rich red maroon on long firm stems.
 1552 **Bridesmaid**—Deep silvery pink with stems unusually long. Large flowered.
 1554 **Eileen**—Rich begonia rose. A color novelty.
 1556 **Fragrance**—Large clear lavender, ruffled and fragrant.
 1558 **Hope Improved**—Mammouth flowers of pure white. One of the most pleasingly formed of all Sweet Peas.
 1560 **Iris Blue**—A strong growing deep "Iris Blue."
 1562 **Mrs. Herbert Hoover**—Bright, clear blue; fragrant.
 1564 **Sequoia**—Enormous flowers of rich golden cerise. A standard of comparison.
 1566 **Sterling**—Large salmon rose on strong stems.
 1568 **Susanna**—Carmine Red.
 1570 **Treasure Island**—A sparkling golden orange; very large.
 Price—Any of above: Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50.
 1572 **P.-W.'s Early Flowering Spencer, Best Mixed**—The above and many other varieties properly blended for a harmonious color effect. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.50.

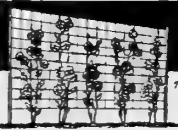


Sweet Pea Hope Improved

4937 TRAIN-ETTS

TRAIN-ETTS

New Weatherized
TRELLIS NETTING



Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 1, 60x72 in. 65c; No. 2, 60x96 in. 85c; No. 3, 60x180 in. \$1.25.

PHLOX DRUMMONDI *aksFKN*

1462 ALL COLORS MIXED (15") The bushy, half spreading plants are excellent for bedding and low informal borders. They bloom in large heads of clear, bright colored flowers. Pkt., 10c; 3/64 oz., 30c.

POPPIES *aks*

1470 American Legion—Lovely, single, bright orange-scarlet with maltese cross.

1472 Shirley, All-Double Mixture—Re-selected all-double blooms with the full range of colors found in both old and new.

1474 Shirley, Single Mixed—Satiny flowers of various colors.

All Annual Poppies: Pkt., 10c; 1/4 oz., 30c; oz., 75c.

PORTULACA (4")

1480 P.-W.'s Large Flowering Single Mixed—Pkt. 10c; 1/16 oz., 40c.

1490 P.-W.'s Double Mixture—Pkt. 10 c; 1/32 oz., 40c.

RICINUS *ajntHS*

1500 Castor Bean (Zanzibariensis Mixed) (10')—The ornamental leaves beautifully lobed are 2 1/2 to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 5c; oz., 25c.

SALPIGLOSSIS (30") *ajsCG*

Most attractive; should be in every garden. Each flower is veined with a glint of gold.

1504 Emperor Finest Mixed—Large improved strain, complete range of colors. Pkt., 10c; 1/8 oz., 30c.

SALVIA *aksDLP*

1520 America or Globe of Fire (18")—The most uniform in habit and the most continuous bloomer of all Salvias, America is the best for border plantings. Its color is a striking vivid scarlet. Pkt. 50c.

SCABIOSA *ajrFL*

1540 P.-W.'s Giant Hybrids—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; 1/8 oz., 25c.



1542

SCARLET RUNNER BEAN

(8') *aktCHS*

A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet, pea-shaped blossoms. Oz., 10c; 1/4 lb., 30c.

STOCKS *aksBHK*

1620 Improved 10-Week, Mixed (12")—Most popular for garden flowers, and is also useful for cutting. Fragrant. Pkt., 10c; 1/16 oz., 25c.

VERBENAS

1652 Giant Hybrids Mixed (12") *aksFHNS*—A magnificent strain of Verbenas; robust, free blooming. It has more flowers to each truss. The florets are large and the colors carefully blended. Pkt., 10c; 3/64 oz., 30c.

The Gorgeous Zinnia

(36") *aksFHN*

GIANT DAHLIA—FLOWERED

The flowers often measure 4 inches in depth and 4-6 inches across and are abundantly produced. They are most desirable of all the large double Zinnias.

1680 Canary Bird—primrose yellow.

1682 Crimson Monarch—flaming crimson.

1684 Dream—deep lavender blue.

1686 Exquisite—light rose with center deep rose.

1690 Polar Bear—white.

1692 Will Rogers—lovely brilliant scarlet red.

1696 Giant Dahlia Flowered—gold medal mixed.

Price each of above—Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1 oz., \$1.65.

ZINNIA LILLIPUT (18") (below)

1712 CHOICE MIX-

TURE—The plants are symmetrical, attractive little bushes supporting innumerable miniature double flowers. The colors cover a wide range from lilac thru red, salmon and yellow, to white. They are very desirable for cut flower arrangements.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c; 1 oz., \$1.50.



IF YOU WANT

Lovelier Flowers—Bigger Blooms

See that they get the nourishment they require from the soil for best growth and maximum beauty. The way to be sure is to feed everything you grow with Vigoro, complete plant food.

You'll prefer using Vigoro because it's clean, odorless, sanitary, and so reliable. Economical, too, you only need 4 pounds per 100 sq. ft. Include Vigoro on your seed order.

A PRODUCT OF SWIFT

10 lbs.	\$.85
50 lbs.	2.50
100 lbs.	4.00



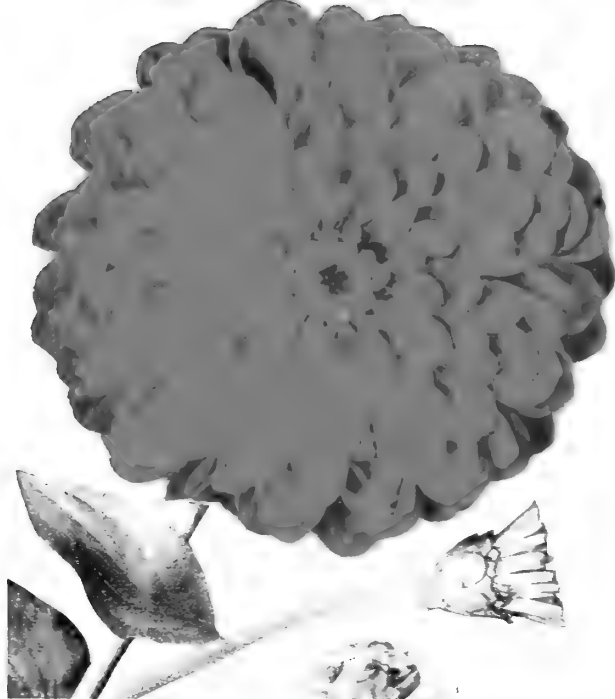


HEAVENLY BLUE MORNING GLORY

u 1298

The most popular Morning Glory. Early blooming with large deep sky-blue flowers.

Pkt., 10c; ¼ oz. 35c



WILL ROGERS ZINNIA

u 1692

Perfectly formed, and the most beautiful brilliant scarlet red. A bed of Zinnia Will Rogers produces a striking effect. Pkt., 10c; ½ oz., 35c



Early Flowering GIANT SWEET PEAS

Sequoia

Bridesmaid

Fragrance

Iris Blue

Bacchus

Sterling

Catalog numbers, page 27

The Early Flowering Giant Spencer varieties are truly deserving of their prominent place in the Sweet Pea "Picture". In the garden they bloom five to six weeks earlier than other kinds and if kept cut, will continue to flower all summer.

Pkt., 15c; ½ oz., 45c; oz., 80c

SPECIAL No. 729

One packet each of the six colors illustrated plus one packet of the excellent white, Hope Improved.

ALL 7 VARIETIES ONLY

85c

Finer Perennial Plants

(Below)

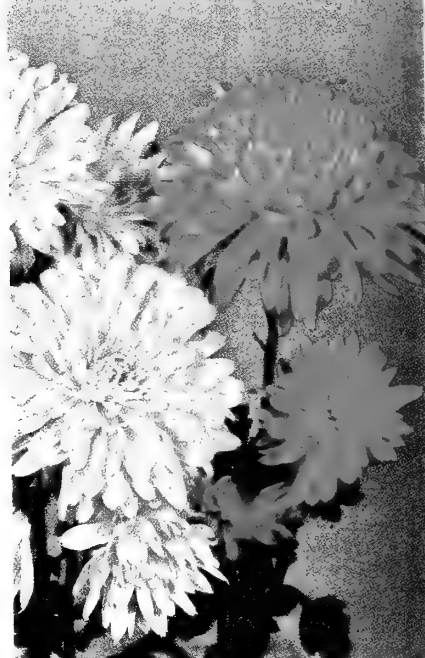
r 6676 New Chrysanthemum

Mme. Chiang Kai-Shek
(Plant Patent No. 634)

The color blending of chrome yellow, cadmium yellow and soft-tinted old gold in Mme. Chiang Kai-shek portrays autumn in all its glorious hues. Exceptional perfection of form characterizes the flowers which average 2 inches across and begin opening in August and September

Plants: \$1.00 each;

3 for \$2.75; 10 for \$7.00



POHATCONG

GOLD
STANDARD

r 6672

POHATCONG (30")

Oct. 10. Medium tall compact grower. Blooms profusely in a very pleasing shade of lavender.

Plants: 3 for \$1.00;

10 for \$2.95

r 6662

GOLD STANDARD

The deepest, richest gold you have ever seen, in a fully double flower of broad, incurved petals. When disbudded it may be grown to 6 or 7 inches across. Blooms in late September.

Plants: 3 for \$1.50;

10 for \$4.50



CREeping PHLOX
VIVID

r 6956

VIVID

Creeping Phlox

The dwarfest, most compact of its type. Makes a carpet of bright pink flowers.

Plants: 3 for \$1.25;

10 for \$3.70

r 6906

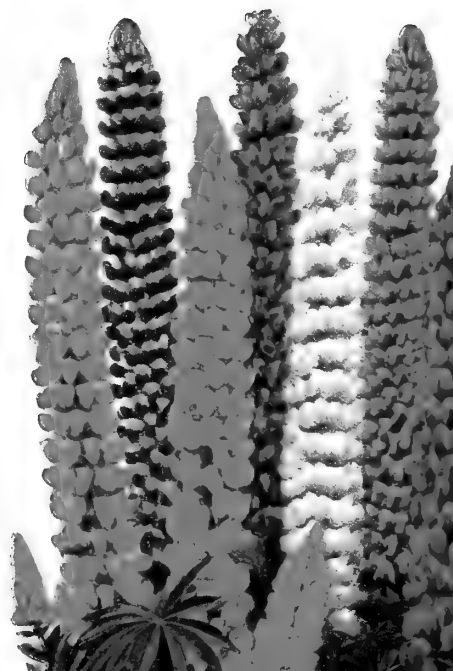
RUSSELL STRAIN

LUPINES (36")

Long, well-rounded symmetrical flower spikes of striking beauty. The color range is enormous and unique in character.

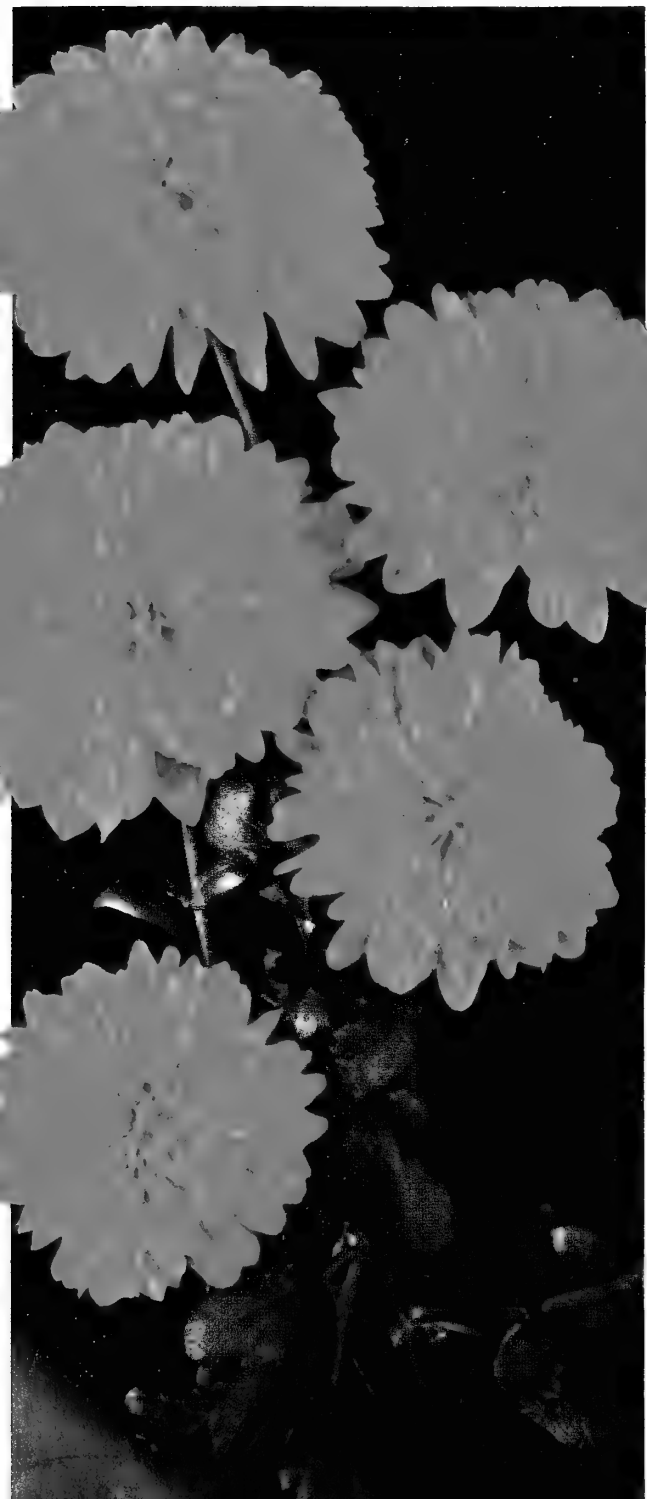
Plants: 3 for \$1.50;

10 for \$4.50



(right)

**RUSSELL
LUPINES**



Never Before Such Fine Garden Chrysanthemums

dksuDS

EARLY ENGLISH MUMS

This new race of Mums is the most exciting advancement in the garden flower world during recent years. They are all superior varieties with excellent habits of growth and lovely large flowers of distinctive form and rich colors. They are earlier blooming too; a particularly desirable quality with flower growers in the mountain states.

Disbudding down to 8 to 12 blooms to the plant will produce flowers of exceptional exhibition quality which will open a week or more earlier than normal. Even without disbudding, however, you will have the best garden Chrysanthemums you have ever grown.

6662 GOLD STANDARD—A large double bloom with broad incurved petals of the very deepest shade of yellow. It does not fade in the rain or sun. It will produce prize winning blooms up to 7 inches across, when disbudded, or very nice flowers without disbudding. An early variety. (See illustration on opposite page.)

6673 MRS. PATTIE—Terra cotta red with gold reverse. A large deep flower with incurved petals. The very earliest variety.

6656 SANDY RICHIE—A very lovely and prized variety. The petals are deep crimson with shades of gold on the reverse. A strong plant that blooms in mid October.

Each of the above English Chrysanthemums—3 for \$1.50; 10 for \$4.50. Postage and packing 15c for 3, 40c for 10.

EARLY BLOOMING HYBRIDS

In these selections of early blooming Chrysanthemums you will find a variety of types and colors. Each of them is hardy and dependable and worthy of a place in your garden.

6664 Ember (36") Oct. 15—A brilliant glowing bronze combining shades of coral and orange. Very beautiful double flowers and the most hardy of our entire list.

6670 Jean Cummings (24") Oct. 1—This is the true early blooming variety with large flowers of pure white, tinted soft yellow at the center. The petals are artistically curled and the flowers keep well when cut.

6672 Pohatcong (30") Oct. 10—Medium dwarf compact grower. Blooms profusely in a very pleasing shade of lavender.

6674 Purple Glory (24")—Extremely early, beginning to bloom in early September. Its growth is fairly bushy, 18 to 24 inches tall, and covered continuously with brilliant purple medium sized flowers.

Price, each of above, 3 for \$1.00; 10 for \$2.95. Postage and packing, 15c for 3; 40c for 10.

BUTTON OR POMPON CHRYSANTHEMUMS dksuDS

Pompon Chrysanthemums are unusually effective in the garden, and the flower clusters are particularly useful for table and room decoration. Plants grow 24 to 30 inches tall and bloom profusely.

6690 Early Bronze—Sept. 25—Light bronze, flecked yellow.

6694 Jewel—October 15—Deep rose.

6696 Judith Anderson—October 15—Yellow, shaded orange in center.

Price, each of above, 3 for \$1.00; 10 for \$2.95. Postage and packing, 15c for 3; 40c for 10.

CHRYSANTHEMUM MAXIMUM (Shasta Daisy)

6698 MOUNT SHASTA djsrC (30")—The aristocrat among Shasta Daisies. A beautiful pure white with high crested, fully double flowers 3" across. The sturdy, erect stems add to its remarkable character. Plants only, 3 for \$1.50; 10 for \$4.50.

Postage and packing 15c for 3; 40c for 10.

New
Chrysanthemum

6676

MME. CHIANG

KAI-SHEK

Plant Patent No. 634

Beautifully formed flowers, fully double, composed of stiff petals. The petals are perfectly arranged, creating a formal effect, so nice one would think the flowers were grown in a greenhouse. The color is a blending of chrome-yellow, cadmium-yellow, and soft tinted old gold which under bright sun or artificial light shows a delicate undertone of rose. It is a magnificent plant which portrays autumn in all its glory and riot of color better than any other flower we have. The perfectly shaped flowers average two inches in diameter, are carried on stiff thin stems excellent for cutting, foliage deep green. Plant spreads to about 2 feet, and is about 2 to 2½ feet tall. In full flower in September, often showing blooms in late August. Don't miss having this most beautiful variety in your garden this summer. \$1.00 each; 3 for \$2.75; 10, \$7.00.

(See color cut on opposite page.)



Typical Button Mum

• Fine Perennials •

That Live Year After Year

Perennials, when once established, are a constant source of pleasure. Their permanence, in fact, is a significant part of their indomitable charm. By wisely selecting early, midseason and late flowering varieties, and grouping them according to their season and habit, your garden can be one of beauty and interest for years to come.

It is fascinating to grow your own perennials from seed. Most varieties will bloom the second year, but some like *Coreopsis* and Iceland Poppy, when planted in the spring will bloom the first year.

The code letters and the explanations on page 77 will guide you toward growing more varieties of ornamental plants with greater success.

ALYSSUM

1800 *Saxatile Compactum* (Basket of Gold) ckmAJU (12")—The brightest yellow spring rock garden flower. Pkt., 10c.

AQUILEGIA (Columbine) cisBJU

6622 **CRIMSON STAR**—Most striking crimson sepals and spurs with a center corola of contrasting white. A lively combination that has been received by gardeners with great interest and approval. The plant is sturdy and free-flowering, making an admirable subject in the garden. The blooms are fine for cutting. 55c each; 3 for \$1.50.

1820 *Scott Elliot's Long Spurred Hybrids* (26")—A wonderful mixture. Pkt., 10c.

6624 Plants, 3 for \$1.00; 10 for \$2.95.

ARABIS (ROCK CRESS) (5") cjuxAJN

6626 *Alpina*—Forms spreading tufts covered with sheets of pure white flowers. One of the earliest spring-flowering plants we have. Perfectly hardy and long-lived. Plants only, 3 for \$1.00; 10 for \$2.95.

7011 **BLEEDING HEARTS**—Dormant roots not available.

COREOPSIS (24") cjsFJN

1900 **Sunburst**—Highly prized in cut flower decorations for their long graceful stems and exceptionally long keeping quality. One of the few perennials that will bloom continuously when the flowers are kept cut. Pkt. 10c.

6718 Plants, 3 for \$1.00; 10 for \$2.95.



C. Cup and Saucer



Aquilegia Crimson Star

CAMPANULA (Bellflower)

Calycanthema bksBJU (24")—This is the old favorite cup and saucer Canterbury Bell, a flower worthy of perpetuation in every garden of today.

Seeds: 1870 White; 1872 Pink; 1874 Blue; and 1876 Mixed. Pkt., 10c.

6708 Plants—*Mixed colors only.

6716 **Persicifolia* (Peach Bells) ckrBJU (30")—A noble plant for the middle of the hardy border. Large, bright blue flowers neatly arranged around their straight stems which rise from low mounds of peach-like foliage. (Plants only.)

*Plants, 3 for \$1.00; 10 for \$2.95.

COLUMBINE

(See *Aquilegia* above)

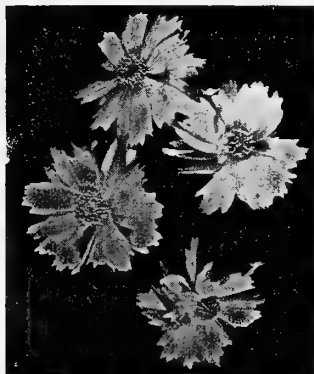
DIANTHUS cjuB

6740 **OLD SPICE** (Plant Pat. No. 499)—Old Spice is a choice hybrid of the old-fashioned Garden Pink. It is as hardy as an oak and grows in neat cushion-like form, bearing prolifically its spicy carnation scented blossoms of rich salmon pink. Plants, 60c each; 3 for \$1.50; 10 for \$4.15.

DIGITALIS (Foxglove) (48") bosBJN

1950 *Gloxiniaeflora Mixed*—For stately and picturesque beauty, these have not been surpassed. The long tubular, spotted flowers hang in a mass on spikes 2'-3' long. Mixture includes purple, rose yellow and white., Pkt., 10c.

6748 Plants. 3 for \$1.00; 10 for \$2.95.



Coreopsis Sunburst

PACIFIC HYBRID DELPHINIUM (72")

cjtBJS

Since the introduction of this superb class of giant Delphiniums it has become everyone's favorite. The huge florets $2\frac{1}{2}$ " and more in diameter are practically 100% double. Our seed stock comes directly from the originator and our plants are grown from especially selected strains.

1910 **Black Knight Series**—Dark Blue

1916 **Galahad Series**—White

1920 **Summer Skies Series**—Clear Blue

1914 **Round Table Series**—Many different crosses and blends are included in this mixture.

Seed: Pkt., 50c; $1/32$ oz., \$1.00.

DELPHINIUM PLANTS

6720 **Black Knight Series**

6728 **Galahad Series**

6726 **Summer Skies Series**

6724 **Round Table Series**

3 for \$1.25; 10 for \$3.70.

GEUM (18") *cjrBCJS*

6754 **Mrs. Bradshaw**—Large double rich scarlet blossoms.

The deeply veined rich green foliage is also extremely attractive. One of the finest perennials for summer blooming. Plants, 3 for \$1.00; 10, \$2.95.

HEMEROCALIS (40") *djsC*

6760 **HYPERION**—Largest yellow day lily. Plants, 75c each; 3 for \$2.00.

HOLLYHOCKS (72") *cktBJN*

1994 **Double Mixed**. Seed, Pkt., 10c.

BEARDED IRIS

This selected list includes the most outstanding varieties obtainable in the moderate price range. We have denoted the relative time of blooming by the following letters: E—early, EM—early midseason, M—midseason, and LM—late midseason. Bearded Iris should be planted between June 15th and October 1st.

White

	each	Per 3
6800 Gudrun E —White dusted gold	\$.30	\$.75
6802 Snowking LM —Pure white	.35	.90

Plicatas

6805 Los Angeles M —Blue stitching	\$.35	\$.90
6804 Tiffany M —Yellow, veined old rose	.60	1.50
6806 Wasatch EM —White, blue veining	.30	.75

Light & Medium Blue

6810 Beuchleys Giant E —Bicolor, tall	\$.35	\$.90
6812 El Capitan M —Lavender blue	.30	.75
6814 Great Lakes M —This is the finest pure light blue. The petals have a stiff, crispy texture and a pronounced flare. Well branched, rugged and hardy	1.75	
6816 Missouri LM —Rich blue	.50	1.25
6819 Sierra Blue LM —Smooth finish	.30	.75

Amoena & Variegata

6820 City of Lincoln LM —Red and yellow	\$1.50	\$3.75
6822 Wabash M —Violet and white	1.00	2.50

Pink

6828 China Maid E —Best Pink	\$1.00	\$2.50
6832 Lighthouse LM —Pink effect	.75	2.00

Red Tones

6838 Dauntless M —Glowing red	\$.30	\$.75
6842 The Red Douglas LM —A magnificent iris of vibrant wine red with plush-like quality. One of the finest we have	1.25	3.15

Mauve

6846 Ormohr M —Silvery violet	\$1.00	\$2.50
6848 Wm. Mohr EM —Veined violet	.35	.90



Pacific Hybrid Delphinium

Bronze

	each	Per 3
6850 Depute Nomblot LM —Bronzed purple	\$.30	\$.75

Yellow

6851 Golden Majesty LM —Deepest gold	\$1.00	
6852 Golden Treasure M —Cream and gold	.50	1.25
6854 Happy Days E —Deep yellow	.30	.75
6856 Naranja M —Shaded orange	.30	.75
6858 Treasure Island LM —Rich gold	.50	1.25

DWARF PUMILA IRIS (10")

6872 White	6876 Violet Blue	6880 Yellow
3 for 50c; 10 for \$1.45.		

SIBERIAN IRIS

An established clump often produces fifty or more flowering stalks. Grows long, thin tubular stems with ornamental grass-like foliage.

6892 **Kingfisher Blue 54"**—A tall stately plant with fine large bright blue flowers.

6894 **Peggy Perry 32"**. Early. Dainty ruffled, rich violet blue with a white center.

Price: Either Siberian Iris, 3 for \$1.00; 10 for \$2.95

Perennial Phlox

THE BEST PLANT FOR MIDSUMMER FLOWERS

No Summer Garden is Complete Without a Phlox Garden

Perennial phlox is the backbone of the summer garden. No other perennial affords as many rich and varied colors and blooms as abundantly during the so called "off season." There need be no more uncolorful seasons in your garden if you plant a few of these grand new phlox in prominent spots throughout the border. Deep, consistent moisture, fertile soil and a little shade in the afternoon are ideal for them.

Novelties and Giants *dosCU*

6926 CHARLES CURTIS

Its color, of blazing sunset red, has won Charles Curtis the reputation of being the most brilliant phlox in cultivation. A clump of these large flower heads with extra long lasting qualities is unusually clear and sparkling.

6939 PROGRESS

Extremely large flower heads with $1\frac{1}{2}$ to 2-inch florets of a superb light blue accented with purple blue eyes. The color varies with the difference in climates and is particularly effective where cool damp nights prevail.

6935 PURPLE HEART

It is with justifiable pride that we offer to our customers this superior phlox variety. The individual florets are medium large and carried in good size trusses. Its eye catching color is a brilliant live shade of deep blue purple, intensified by a darker center and given "sparkle" by the dainty cream colored anthers.

Wherever flowers of Purple Heart have been displayed they have commanded the attention of amateur and veteran gardeners alike. We believe that you, too, will be proud to grow Purple Heart in your garden.

6943 SALMON BEAUTY

A real giant, having florets up to $1\frac{1}{2}$ inches across and supported in large trusses on stalks 30 inches tall. A white eye in the giant salmon-pink florets makes this one of the most colorful of all phlox. The warm tones blend richly with other phlox colors. Salmon Beauty will add a splash of richness to your borders during midsummer.

Each of these superb Phlox: 55c each; 3 for \$1.50; 10, \$4.50.

PHLOX SUBULATA

(Moss or Mountain Pinks) (6") djuxB

6950 ATROPURPUREA—Deep carmine red. Brilliant display.

6952 BLUE HILL—Compact growth, showy pale blue flowers. Blooms spring and again in fall.

6956 VIVID—The plants are very dwarf and exceptionally neat in habit. Lovely miniature bright pink flowers.

Price: Each Subulata Phlox, 3 for \$1.25; 10, \$3.70.

Include extra for postage and packing of all Phlox. 15c for 3; 40c for 10 plants.

Popular Phlox

6922 AFRICA

The flower heads are large and well shaped; composed of large brilliant carmine red florets, each with a blood red eye. Good strong stem and mildew resistant plant.

6930 DAILY SKETCH

A compelling magnificent rose, drawing one in for a close-up of its beauty. Immense flower heads of soft salmon pink florets with striking crimson eyes. An outstanding variety 3 to $3\frac{1}{2}$ feet tall.

6934 LEO SCHLAGETER

Its brilliant scarlet blooms with their decided orange cast give the effect of glowing fire. Good habit, large full heads on 3-foot stems. An exceptional red.

6942 MRS. JENKINS

(Independence.) Its vigorous growth and free flowering habit make it one of the best for mass planting. Pure white.

Each of above: 3 for \$1.25; 10, \$3.70.

A
Phlox
Garden

Inset,
Daily
Sketch



Perennials Cont.

LILY-OF-THE-VALLEY

7013 **American Pips** (for outside planting only)—Extra strong pips, 25 for \$2.00; 100, \$7.50; 250, \$16.75.

LUPINUS

2020 **RUSSELL STRAIN** cjsCM (36")—Long, well-rounded symmetrical flower spikes of striking beauty. The color range is enormous. Gold Medal, Royal Horticulture Soc., 1937. Seed pkt., 25c.

6906 **LUPINUS PLANTS**—Strong one-year-old field grown stock. 55c each; 3 for \$1.50; 10, \$4.50.

PENTSTEMON (24")

dksBJU

6912 **GARNET**—This outstanding novelty produces many long spikes completely covered with rich, garnet-red blossoms. Very desirable. Plants only, 3 for \$1.10; 10 for \$3.35.

PEONIES

Early spring planting of Peonies is possible and very satisfactory. If you were unable to plant last fall you can still gain months of plant and root growth by planting now rather than waiting for next fall.

7059 **PEONY MIXTURE** — (Red, Pink and White varieties) Save both money and growing time by planting some of these strong 3 to 5 eye roots this spring. 90c each; 3 for \$2.50; 10, \$7.50. If by mail add 8c per plant or 50c per 10 for packing and postage.

ICELAND POPPIES

cjsFJU

2050 **Sanford's Giants Mixed**—This new strain of Iceland Poppies, we believe, is the finest obtainable. Great care in selection and reselection has produced a wonderful color balance, immense flowers and greater length of stems. Seed only, Pkt., 25c.

VINCA djqxBN

6992 **Minor** (Grave Myrtle) (4")—Glossy evergreen foliage forms a dense carpet sprinkled with blue flowers.

6994 **Major** (10")—This variety has larger leaves and is more erect than Minor. Plants only, either of above, 3 for 75c; 10 for \$2.25; 100 for \$18.00.

VIOLET

6996 **Odorata** (Sweet Violet) (6") cjlqxAJ—The popular, well-known violet. Large, single deep violet blue flowers of exceedingly rich fragrance. (Seed not available this season.) Plants: 3 for 75c; 10 for \$2.25.

6997 **ROYAL ROBE**—This glorious new variety has extra large flowers of a lustrous shade of deepest violet blue. They are delicately fragrant and open wide like a viola, often measuring up to 1 inch across. The sturdy plants form a mound of large leaves from which strong erect stems grow to 6 inches or more in length. Royal Robe is far superior to old fashioned violets because of immense size, delightful fragrance and abundance of flowers on long stems. Price: 55c each; 3 for \$1.50; 10, \$4.50.

PRIMULA

(Polyanthus) (8")

cluAMS

2060 **GIANT M U N S T E A D STRAIN**—A wonderful improved strain of English polyanthus bearing giant flowers in many new and desirable colors. Pkt. 50c.

6960 **PRIMULA PLANTS**, 3 for \$1.00; 10 for \$2.95.

PYRETHRUM

(Painted Daisy) (24")

cjrBJ

2070 **ROSEUM SINGLE AND DOUBLE MIXED**—An excellent variety of colors. 15% to 25% of the plants produce double flowers. Seed—Pkt., 25c.

SHASTA DAISY

See *Chrysanthemum Maximum*—page 31.

SWEET WILLIAM

(*Dianthus Barbatus*) (18")

ejsBJN

2150 **Single Giant-Flowered Mixed**—Pkt., 10c.

2160 **Double Giant-Flowered Mixed**—Pkt., 15c.

2170 **NEWPORT PINK** — Large Single flowers. Pkt., 15c.

2180 **Scarlet Beauty**—Large single. Pkt., 15c.

6976 **SWEET WILLIAM PLANTS** Single and double Giants Mixed. 3 for \$1.00; 10 for \$2.95.

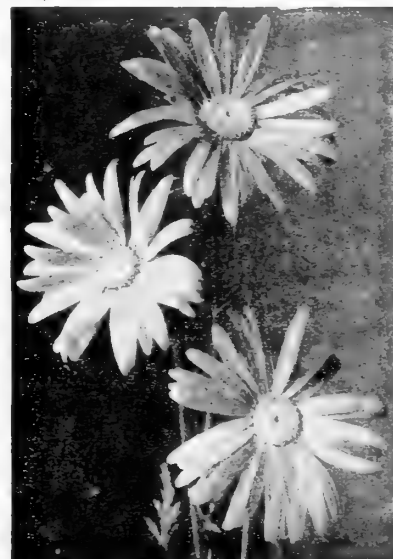
TEUCRIUM (12")

cjpuNW

6984 **Chamaedrys** — Dense bushy plants with glossy evergreen foliage resembling dwarf boxwood; may be used in place of boxwood where the latter is not hardy. Can be clipped to suit any height up to 12 in. Plants only, 3 for \$1.25; 10 for \$3.70; 100, \$32.50.



Geum Mrs. Bradshaw
(See page 33)



Pyrethrum Roseum

(Below) *Sweet William Gt. Single*



SUMMER FLOWERING BULBS

Numerals in () indicate approximate height at maturity in inches (") or feet (').

Begonias

TUBEROUS ROOTED

(4-6") *fls*



*A
Sturdy
Plant*

DORMANT BULBS

Double Giant Camellia Flowered

8514 Pink 8510 White
8516 Salmon 8519 Mixed
8518 Red

Double Fimbriata Flowered— 8529 Mixed Only.

In the above classes we offer dormant bulbs (available Feb. 1st to March 15th. 1¼"-1½", 3 for 90c; 10 for \$2.25; 25 for \$5.00.

8508 ANEMONE (St. Brigid Strain) (6"-12") *eorsS*

These lovely poppy-like flowers are exceedingly brilliant when in flower and excellent for cutting. The flowers range from single to fullest double, in white, crimson, cobalt blue, lavender, heliotrope, rose pink, or salmon. The season for planting outdoors is early spring. Spring plantings bloom in summer. Culture same as *Ranunculus*. Bulbs, 10 for 90c; 25 for \$2.00; 100 for \$7.50.

8542 CINNAMON VINE *djtV*

A beautiful, rapid-growing summer climber, with spikes of deliciously cinnamon scented, white flowers. Price 3 for 35c; 10 for \$1.00; 25 for \$2.00.

CANNAS (4') *fksCN*

8552 King Humbert—Scarlet flowers, bronze foliage. Large flowers freely produced, and handsome, broad tropical foliage.

8554 The President—A rich glowing scarlet with immense rounded flowers, seven inches across, produced on strong stalks well above the heavy foliage. Free bloomer.

8556 Orange Humbert—A vigorous grower. Rich orange.

8558 Yellow King Humbert—Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter.

Price of Cannas listed above:

Dormant 2-3 Eye Roots—Available Feb. to April. 3 for 50c; 10 for \$1.50; \$12.50 per 100. Postage extra. (Use both name and numbers in ordering.)

Strong pot-grown plants. Available April 20th thru June.

6325 King Humbert 6326 The President

6327 Yellow King Humbert 6328 Orange Humbert
3 for \$1.00; 10 for \$3.00; \$25.00 per 100. Express shipments recommended. If by mail add 20c for 3 or 50c per 10 for packing and postage.

Few plants can equal these for garden show in brilliancy of color, duration, and perfection of bloom. The ideal situation is in a filtered sunlight where there is plenty of fresh air, protected from strong winds, as on the north side of buildings where they receive sunlight a portion of the day.

For best results, the tubers should be started indoors in January or February. Plant first in moist sand, and after they are well sprouted, put them in 4 in. pots in good, rich soil (about one-third Peat or leaf-mold, one-third well-rotted manure, and one-third good sandy loam.)

After frost danger is over, plant outdoors, spacing plants about 12 inches apart each way.

PLANTS FROM POTS

For transplanting in open ground
May to July

Double Giant Camellia—

6300 White 6306 Red
6304 Pink 6307 Mixed
6305 Salmon

Double Fimbriata—

6315 Mixed only.

Each of above:

3 for \$1.50; 10 for \$4.00; 25 for \$9.50.

If by mail add 15c for 3 or 40c per 10 extra for packing and postage.

MADEIRA VINE *fjtCN*

8562 Climbing Mignonette—A vine which will cover a large space in a short time. Fleshy heart-shaped leaves, and racemes of feathery fragrant flowers. Price 3 for 35c; 10 for \$1.00; 25 for \$2.00.

8566 MONTBRETIAS *fhrsCH* GIANT MIXED (24"-30")

These lovely flowers add beauty to any garden. The blooms are larger and the flower stems are very fine for cutting. The mixture contains many bright shades of yellow, salmon, scarlet and orange. Handle like *Gladiolus* and they will multiply rapidly. Price, 3 for 40c; 10 for \$1.15; 100 for \$9.50.

8568 RANUNCULUS *ejorsN* (Buttercup)

A wonderful range of colors. Culture: Best germination is acquired by placing tubers in a flat of sand, cover about one inch and keep moist. Place in a cool room for about one week or until sprouted, then plant outdoors when the soil becomes warm, placing the claws downward. They thrive in a drained sand loam. A small amount of peat moss or rotted compost should be worked into the soil to a depth of six inches, if needed. Before planting, the bed should be thoroughly watered. Cover the bulbs 2" and set 4-6" apart. Water sparingly until plants are well established, then they can use an abundance of water. Price, 10 for 90c; 25 for \$2.00; 100 for \$7.50.

8570 TIGRIDIA *fhrsN* (Shellflower of Mexico)

Few flowers are more gorgeously colored or so beautiful. Plant in sunny position in a flower border in well-drained soil. Blooms from middle of July to September. Culture: Space large bulbs six to seven inches apart and five inches deep. They require average moisture, but can use lots of moisture during blooming season. Bulbs should be dug in fall and stored in damp sand throughout winter. Price—Mixed colors: 3 for 50c; 10 for \$1.50; 100 for \$12.50.

Hardy Lilies

Hardy Lilies are best planted in the fall. Be sure that your name is on our mailing list for our fall catalogue of hardy planting material.

• Gorgeous Dahlias •

CONTINUOUS BLOOM FROM SUMMER UNTIL FROST

LARGE EXHIBITION CLASS

RED

8610 **American Triumph** (C)—Unusual form. Spiky in-curved petals in a bright shade of oriental red. 70c each; 3 for \$1.95.

8614 **Clara Clemens** (Ball)—Deep rich red tipped with white. A favorite with the florists. 75c each; 3 for \$2.10.

8618 **Eleanor Francis** (ID)—A vigorous plant producing many large long-stemmed flowers of bright vermillion red. Excellent cut flower. 70c each; 3 for \$1.95.

WHITE

8673 **DARCY SAINSBURY** (FD)—This spectacular beauty is sure to win the blue ribbons at the flower shows. It is one of the largest and most showy whites. 90c each; 3 for \$2.50.

8675 **Jersey Dainty** (C)—Unequalled, in the large white class, for cut flower arrangements. Beautiful white, often tinged with pink. 60c; 3 for \$1.65.

YELLOW AND YELLOW BLENDS

8643 **GINGER ROGERS** (ID)—A marvelous plant with a profusion of deep sulphur yellow flowers. The huge blooms are held high on long, stiff stems. \$1.75 each.

8648 **Miss Glory** (SC)—The flowers of luscious apricot yellow are perfect in form and massive in size. Its profuse blooming and perfect stems also are among the qualifications that class Miss Glory with the best Dahlias grown. 75c each; 3 for \$2.10.

ORANGE AND BRONZE

8654 **Freda Monich** (ID)—A color that is different in dahlias, startling, intense mahogany bronze. A color novelty—a garden prize. \$1.25 each; 3 for \$3.45.

8657 **TRIUMPH DE PARIS** (C)—Outstanding, both in the garden and as a cut flower. The rich orange flame which blends to yellow at the center is always exceedingly attractive. 70c each; 3 for \$1.95.

BLUE

8658 **Blue River** (FD)—Large, and a profuse bloomer. As near to blue as we have in a dahlia. 70c each; 3 for \$1.95.

LAVENDER

8668 **Washington Giant** (D)—Truly a giant. Pure lavender blended silver with long stiff stems. 70c each; 3 for \$1.95.

PINK

8635 **Louise** (SC)—Large flowers of an exquisite delicate shade of pink with a white center. A beautiful flower. \$1.25 each; 3 for \$3.45.

8632 **San Francisco** (D)—Large twelve inch blooms in a gorgeous shrimp pink. One of the best for garden flowers. 90c each; 3 for \$2.50.

Prices on all Dahlias are quoted f.o.b. Salt Lake City. If shipment is requested by mail add 3c each or 12c per 5 for packing and postage. See "Transportation" on page 3.



Miniature—*Little Diamond*

MINIATURE CLASS

The Miniature Dahlias bloom more freely than the large exhibition class. Because they require less staking, tying and disbudding, they are easier to grow. Their dainty 2 to 4 inch blooms are unexcelled for cut flowers.

8683 **Helly Boudewijn** (Water Lily Type)—The lovely blooms of pure white are four inches or more in diameter. Because of their unique water lily form they are extremely popular for cutting. 70c each; 3 for \$1.95.

8685 **LITTLE DIAMOND** (C)—This one stands out among other Dahlias like a live ember. The bloom is small, of deepest pink overcast with a rich glowing coral amber, and the petals curve gracefully upward from the base. 75c each; 3 for \$2.10.

8688 **Sylvia** (FD)—Crisp radiating petals of brilliant glowing red. 60c each; 3 for \$1.65.

POMPON CLASS

These are ball type Dahlias with compact 1 to 2 inch flowers on strong stems. The plants average 3½ feet tall and bloom very profusely.

8693 **Betty Ann**—A particularly clear, light rose pink in the ever popular and neat pompon form. 35c each; 3 for .95c.

8697 **Little Snow White**—Perfectly formed flowers. Somewhat larger than the average pompon in pure unmarked white. 40c each; 3 for \$1.10.

Gladioli

The Most Popular Exhibition and Cut Flower Varieties



8714 **CASABLANCA** — Introduced in 1944 by Majeski the originator of Oregon Gold. Casablanca is one of the finest new whites. It grows very tall with a long bloom head of lovely ruffled cream white florets in formal or decorative arrangement. 3 bulbs, 80c; 10, \$2.15; 25, \$4.90; 100, \$18.50.

8716 **Margaret Beaton**—One of the most beautiful, and winner of many prizes. Pure snow white with small red blotch in throat. 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

8724 **Surfside**—New spectacular crystal white. 10 bulbs, \$1.40; 25, \$3.25; 100, \$12.00.

CREAM

8728 **Pacifica**—Among hobbyists and commercial growers alike, Pacifica is loved for its elegant ruffled form and smooth cream coloring. The spikes are long and straight, opening 8 to 9 perfect florets. Medium early (85 days), and one of the best cutting and exhibition. 10 bulbs, \$1.25; 25, \$2.90; 100, \$11.00.

BUFF and ORANGE

8732 **Barcarole**—An unusual but most exquisite clear clean shade of orange. A gorgeous new variety that must be seen to be appreciated. 10 bulbs 95c; 25, \$2.20; 100, \$8.00.

8734 **MELLOWGLOW**—An exquisite flower of heavy substance and large proportions. Its warm creamy buff tones give it unusual appeal in bouquets. The plants are medium height with good flower heads opening 6 to 7 florets. Midseason. 3 bulbs, 85c; 10, \$2.25; 25, \$5.25; 100, \$20.00.

YELLOW

8736 **Golden Chimes**—Clear light yellow and very beautifully ruffled. 10 bulbs, 90c; 25, \$2.00; 100, \$7.00.

8740 **OREGON GOLD**—A superb novelty in the light yellow class. Large attractive florets on long straight slender stems. Opens 6 to 8 blooms at one time. Grows exceptionally well and is a gem for cut flowers. 3 bulbs for 73c; 10, \$1.95; 25, \$4.50; 100, \$17.00.

8768 RED LIGHTNING

Very bright, pleasing red with cream throat. The stamens, also cream, add to the striking color combination. The blooms are large well placed and many open at one time. A first prize winner. Midseason. 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

SALMON PINK

8744 **Aladdin**—Early—Immense ruffled salmon pink with cream blotch. Strong grower. 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

8747 **MARGUERITE**—A giant, both in size of flower and length of the tall stately stem. Marguerite is an excellent grower and a consistent blue ribbon winner. The color is a rich watermelon pink with contrasting cream throat. Good keeping qualities. 3 bulbs, 56c; 10, \$1.50; 25, \$3.50; 100, \$13.00.

8748 **Picardy**—Midseason—A clear, soft, shrimp-pink. A "must have." 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

LIGHT and DARK PINK

8746 **CORONA**—Picotee pink on a flesh ground color. A prize for cut flower work. See page 39. 10 bulbs, \$1.20; 25, \$2.80; 100, \$10.50.

8754 **Peggy Lou**—A champion in clear geranium pink. 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

ROSE

8710 **Chamouny**—A new very distinct and graceful, clear rich rose. 10 bulbs, \$1.20; 25, \$2.80; 100, \$10.50.

SCARLET and RED

8760 **ALGONQUIN**—A brilliant glowing scarlet of velvety substance with an unusual distinction of character. See opposite page. 10 bulbs, \$1.30; 25, \$3.00; 100, \$11.50.

8768 **Red Lightning**—See lower left.

8770 **Stoplight**—The latest advancement in the fine red class. Has all the requirements of a perfect cut flower gladiolus. 10 bulbs, \$1.65; 25, \$3.90; 100, \$14.50.

8778 **Rewi Fallu**—Dark carmine red shading to orange red. 10 bulbs, \$1.20; 25, \$2.75; 100, \$10.00.

LAVENDER

8779 **ELIZABETH THE QUEEN**—Truly the queen in its class, it produces giant ruffled flowers of clear lavender with darker lines in the throat. The plants are medium tall with long flower spikes and 7 to 8 blooms open at one time. 3 bulbs, 85c; 10, \$2.25; 25, \$5.25.

8780 **Minuet**—Midseason—Considered one of the best lavenders in existence. 10 bulbs, 90c; 25, \$2.10; 100, \$7.50.

LIGHT VIOLET

8784 **Blue Beauty**—Early Midseason—The best light blue. 10 bulbs, 95c; 25, \$2.20; 100, \$8.00.

REDDISH PURPLE

8788 **King Lear**—Big ruffled velvety reddish purple, with 5-6 blooms open at one time. 10 bulbs, 90c; 25, \$2.10; 100, \$7.50.

SMOKY

8792 **Chief Multnomah**—Subdued shades of copper, rose and brown. The most beautiful in this class of unusual blends. 10 bulbs, \$1.15; 25, \$2.65; 100, \$9.50.

MIXED

8798 **P.-W.'s Superb Mixed**—Our special mixture well blended from the best named types. (See color illustration on page 39.) 10 bulbs, 90c; 25, \$2.10; 100, \$7.50.

GLADIOLI

*Superior Flowers
For Hobbyists or Larger Growers*

ALGONQUIN

r 8760

One of the finest reds, a brilliant glowing scarlet with rich velvety graceful ruffling. It will open 8 to 10 large blooms at one time.

10 corms, \$1.30

25, \$3.00

100, \$11.50

See the
complete list
of P.-W.'s
finer Glads
on
opposite page

CORONA

r 8746

The soft hues of Corona are admired by all. Each of the large creamy white petals has a clear rose picotee edge. A very beautiful and distinctive flower, large and perfectly formed.

10 corms, \$1.20

25, \$2.80

100, \$10.50

CUTTING MIXTURE

r 8798

In this superb mixture are many of the popular varieties of the day. There are early and late varieties to give you flowers for a longer season, as well as numerous colors from which many interesting floral combinations can be made.

10 corms, 90c; 25, \$2.10; 100, \$7.50



A year full of PERENNIALS

DELPHINIUM PA

Since the introduction of this superb everyone's favorite. The huge floret practically 100% double. Our seed s nator and our plants are grown from

1914

ROUND TABLE SERIES

A mixture of many beautiful shades which perennial highlights of the garden. Pk

r 6724

ROUND TABLE SERIES 1-y

E

FOR MIL

Included in outstanding Purple Heart are exception Africa, Mrs. no more unco plant a few c throughout the

One plant

5

0

PURPLE HEART



SALMON BEAUTY



PACIFIC
HYBRID
DELPHINIUM

DIANTHUS OLD SPICE

r 6740

DIANTHUS OLD SPICE

Plant Pat. No. 499

"Old Spice is one of the finest new Lorder flowers in a decade."

It is a choice hybrid of the old-fashioned garden pink, possessing exceptional hardiness, neat cushion-like habit and a long flowering season. Grows to about 12 inches high and the rich salmon pink flowers of spicy fragrance keep indefinitely when cut.

Each 60c; 3 for \$1.50

10 for \$4.15

Beauty ... and EVERGREENS

FIC HYBRIDS

of Delphiniums it has become
2" and more in diameter are
comes directly from the origi-
cially selected strains.

make your delphinium bed one of the
seeds, 50c

ld plants, 3 for \$1.25; 10 for \$3.70

ardinary !!!

PHLOX

WINTER GARDEN GLORY

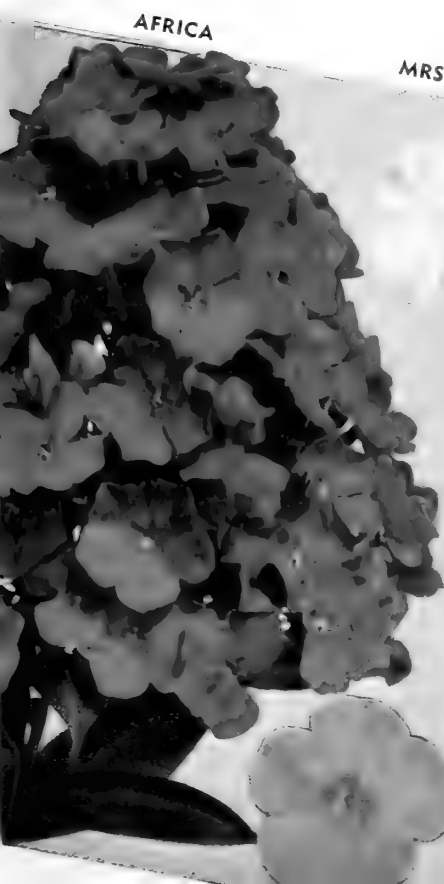
group are some of the new and most
x yet to be introduced. Richly colored
d the giant flowered Salmon Beauty
ine companions for the older favorites,
ns and Daily Sketch. There need be
Midsummers in your garden if you
ese grand phlox in prominent spots
ers.

FFER No. 740

ch of these superior Phlox

NTS \$1.90

Plus 25c for packing and
postage if by mail.



AFRICA

MRS. JENKINS

DAILY
SKETCH

MAHONIA

n 9474

THUYA ELEGANTISSIMA

(Compact Beverlyensis)

The ever-popular golden pyramidal Arbor
Vitae is a tall grower, very useful for
sheared accent plants in the foundation
planting or for natural groupings in the
informal garden.

3-4', \$7.50; 4-5', \$9.50; 5-6', \$12.00



THUYA ELEGANTISSIMA

n 9450

JUNIPER PFITZER

(J. Chinensis Pfitzeriana)

Juniper Pfitzer is a natural "tie in" plant for
landscaping. Its horizontal lines offer a pleasing
complement to upright specimens, and to special
features of grounds or build-
ing.

It is the most widely planted
and generally satisfactory of
all semi-dwarf creeping Ju-
nipers.

1 gal. size, \$1.25; 15-18",
\$4.50; 18-24" \$5.50; 24-
30", \$7.00; 30-36", \$8.50.

n 9530

MAHONIA (below) AQUIFOLIA

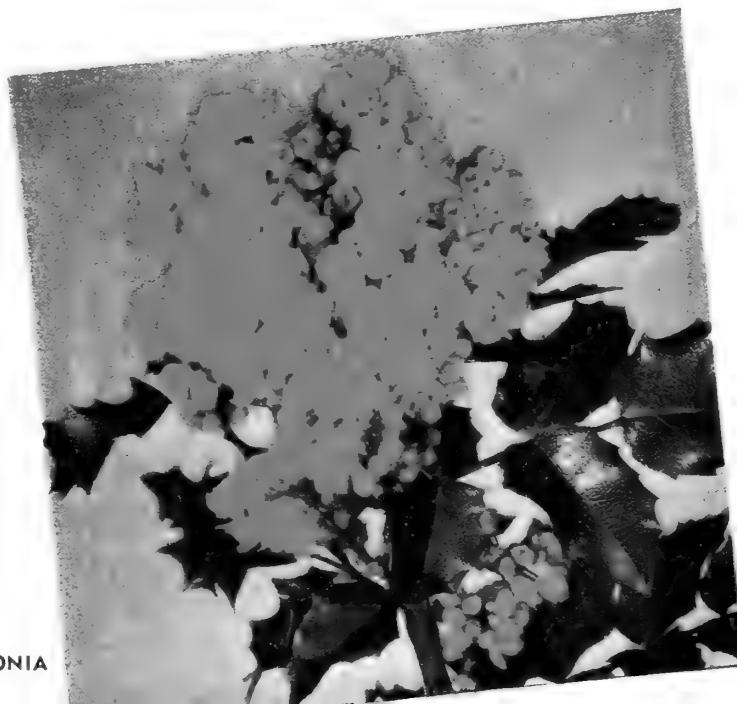
(Oregon Hollygrape)

In every home landscape planting
regardless of size or style, there is
a spot where the broad-leaved ever-
green Mahonia will create just the
right effect. Its texture, color and
medium low habit are in pleasing
contrast with Junipers or Arbor-
vitae.

18-25", \$4.75



JUNIPER PFITZER



A year full of beauty... Perennials and Evergreens



DIANTHUS OLD SPICE

r 6740

DIANTHUS OLD SPICE

Plant Pat. No. 499

"Old Spice is one of the finest new border flowers in a decade."

It is a choice hybrid of the old-fashioned garden pink, possessing exceptional hardiness, neat cushion-like habit and a long flowering season. Grows to about 12 inches high and the rich salmon pink flowers of spicy fragrance keep indefinitely when cut.

Each 60c; 3 for \$1.50
10 for \$4.15



PACIFIC
HYBRID
DELPHINIUM

DELPHINIUM PACIFIC HYBRIDS

Since the introduction of this superb class of Delphiniums it has become everyone's favorite. The huge florets 2 1/2" and more in diameter are practically 100% double. Our seed stock comes directly from the originator and our plants are grown from especially selected strains.

t 1914

ROUND TABLE SERIES

A mixture of many beautiful shades which will make your delphinium bed one of the perennial highlights of the garden. Pkt. of seeds, 50c

r 6724

ROUND TABLE SERIES

1-year-old plants, 3 for \$1.25; 10 for \$3.70

Extraordinary !!!

PHLOX

FOR MIDSUMMER GARDEN GLORY

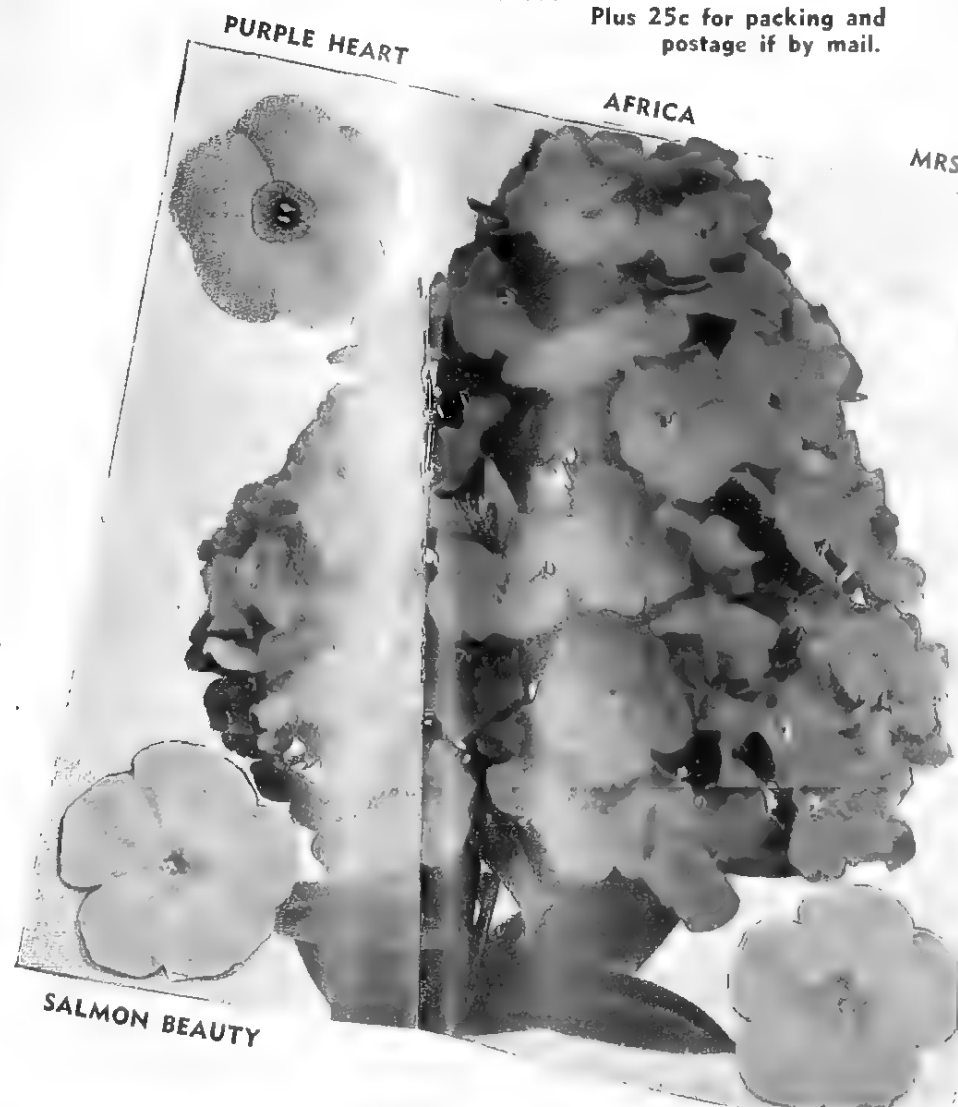
Included in this group are some of the new and most outstanding phlox yet to be introduced. Richly colored Purple Heart and the giant flowered Salmon Beauty are exceptionally fine companions for the older favorites, Africa, Mrs. Jenkins and Daily Sketch. There need be no more uncolorful Midsummers in your garden if you plant a few of these grand phlox in prominent spots throughout the borders.

OFFER No. 740

One plant each of these superior Phlox

5 PLANTS ONLY..... \$1.90

Plus 25c for packing and postage if by mail.



PURPLE HEART

AFRICA

MRS. JENKINS

SALMON BEAUTY

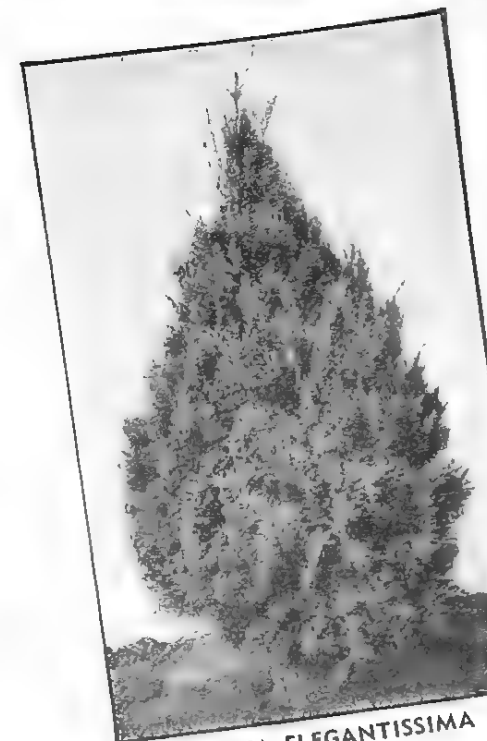
n 9474

THUYA ELEGANTISSIMA

(Compact Beverlyensis)

The ever-popular golden pyramidal Arbor Vitae is a tall grower, very useful for sheared accent plants in the foundation planting or for natural groupings in the informal garden.

3-4', \$7.50; 4-5', \$9.50; 5-6', \$12.00



THUYA ELEGANTISSIMA

n 9450

JUNIPER PFITZER

(J. Chinensis Pfitzeriana)

Juniper Pfitzer is a natural "tie in" plant for landscaping. Its horizontal lines offer a pleasing complement to upright specimens, and to special features of grounds or building.

It is the most widely planted and generally satisfactory of all semi-dwarf creeping Junipers.

1 gal. size, \$1.25; 15-18", \$4.50; 18-24" \$5.50; 24-30", \$7.00; 30-36", \$8.50.

n 9530

MAHONIA (below) AQUIFOLIA

(Oregon Hollygrape)

In every home landscape planting regardless of size or style, there is a spot where the broad-leaved evergreen Mahonia will create just the right effect. Its texture, color and medium low habit are in pleasing contrast with Junipers or Arbor vitae.

18-25", \$4.75



JUNIPER PFITZER

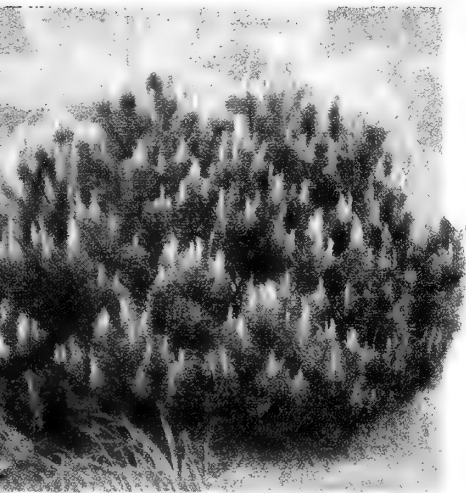
DAILY
SKETCH

MAHONIA



Evergreens

for Specimens,
Foundations,
Wind-breaks



MUGHO PINE

DWARF MUGHO PINE

n 9498

Because of their low formal habit Mugho Pines are used as specimen plants for flanking entrances and walks. They are also desirable in rock gardens and foundation plantings where they thrive in either sun or part shade.

12-15", \$3.75; 15-18", \$4.75;

18-24", \$5.75



AUSTRIAN PINE (right center)

n 9494

One of the largest and most adaptable of the cultivated pines. It endures most types of soil and thrives even in the smoky atmosphere of large cities. The 4- to 5-inch long needles are rich green in color, giving a luxuriant effect. As a garden background or wind break Austrian Pine has few rivals

30-36", \$8.50; 3-4', \$10.00;

4-5', \$12.50



GLOBE ARBORVITAE

GLOBE ARBORVITAE

n 9486 (Thuja Globosa)

Forms a low dense globe of a handsome shade of green. Because of its small size and symmetrical form it is ideal for plantings on either side of entrances or steps.

18-24", \$5.00



AUSTRIAN PINE

DWARF PRIVET

(Not an Evergreen)

p 9278 (left)

LODENSE PRIVET

The most recent development in woody hedge plants for small boundary markings and for edgings around evergreen beds or other gardens. It can be kept trimmed as low as 6 or 8 inches or, allowed to grow into a bush of three feet in height.

10-12", 25 for \$ 8.75; 100, \$32.00

12 - 15", 25 for \$10.50; 100, \$38.00

15 - 18", 25 for \$11.50; 100, \$42.00

Specimen Clumps 18-24", \$1.25 each

Evergreens

All Evergreens are quoted f. o. b. Salt Lake City. Most sizes are too large and heavy for parcel post and must therefore be shipped by freight or express. A schedule for quantity prices is printed on page 64.

SHIPPING WEIGHT OF EVERGREENS

Prostrate Varieties Size	Weight	Upright Varieties Size	Weight
1 gallon can	12 lbs.	1 gallon can	12 lbs.
3 gallon can	45 "	3 gallon can	45 "
5 gallon can	65 "	5 gallon can	65 "
12-15"	30 "	30-36"	50 "
15-18"	45 "	3-4'	70 "
18-24"	55 "	4-5'	95 "
24-30"	70 "	5-6'	110 "
30-36"	80 "	6-7'	170 "
3-4'	100 "		

JUNIPERS

Spreading Varieties

9450 PFITZER (J. Chinensis Pfitzeriana gjsvxNZ)—This is the most widely planted and generally satisfactory of all semi-dwarf creeping Junipers. Large, fast grower.

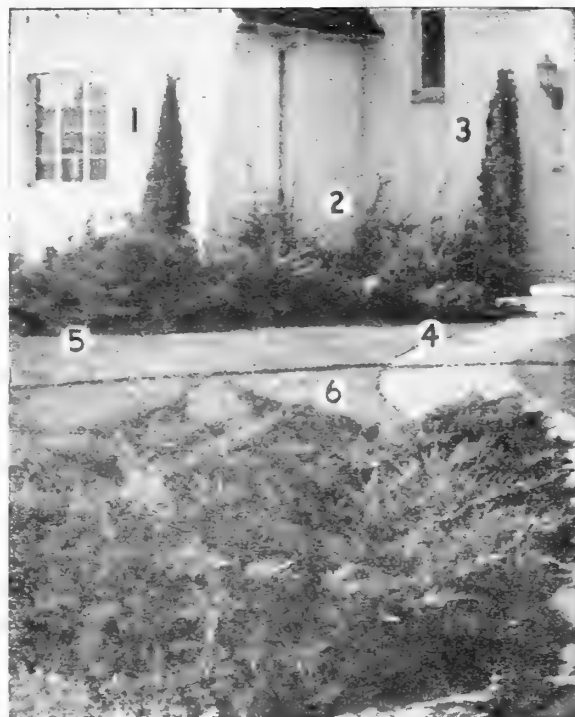
1 gal. size, \$1.50; 15-18", \$4.50; 18-24", \$5.50; 24-30", \$7.00; 30-36", \$8.50.

9459 PFITZER COMPACTA gjsuvxNZ—A new introduction that is very adaptable for limited areas and small houses. It is a low, compact grower that matures at one-half the size of its parent, the Pfitzer Juniper. 15-18", \$4.50; 18-24", \$6.00.

9452 SABINA TAMARISCIFOLIA gjuvxnZ—Especially desirable in plantings where space is limited or when used against a house with a low foundation. It is a smaller and more compact grower than Juniper Pfitzer, attaining only 6 to 7 feet spread. The dense, metallic blue green foliage and uniform habit make admirable specimens for the corners of the lawn. Gal. cans, \$1.50; 18-24", \$6.00; 24-30", \$7.50.



Evergreens in our Nursery in Winter



Above shows attractive groupings of Evergreens

- | | |
|---------------------------|-------------------------|
| 1. Juniper Chinese Pyr. | 4. Mugho Pine |
| 2. Pyracantha L. | 5. J. S. Tamariscifolia |
| 3. Thuya Occ. Pyramidalis | 6. Pfitzer |

NOVELTY SPECIMENS

9453 PFITZER PYRAMIDS. gjstNZ—Trimmed to upright form, these special pfitzers give a distinctive weeping effect which is very beautiful in a specimen plant or as a contrast with surrounding foliage. 30-36", \$10.00.

9455 SABINA VON EHROH GLOBE gjuvNZ—These are perfect, formally globed specimens. They are trimmed plants of the very adaptable Von Ehron Juniper which is itself a handsome dwarf evergreen of semi-spreading habit and slender rich green twigs. Compact globes, 18-20", \$6.50.

9458 SQUAMATA MEYERI (Meyer Juniper) gjuvNZ. 6'.—Most unusual in color and habit. Plump, pointed and prickly foliage in a distinct blue color. Irregular shrub-like growth. Thrives on well drained soil. 18-24", \$6.50.

WINTER PROTECTION OF EVERGREENS

Because Evergreens hold their leaves all winter they are never entirely dormant.

The best protection against winter damage, therefore, is a thoroughly moisture filled condition within the plant itself. Be sure that the soil around your Evergreens is moistened to a depth of about two feet during the last four weeks before the ground freezes. After that time apply a coarse mulch around the base of each tree.

In situations exposed to excessive wind or bright sunlight provide a windbreak, shade or loose wrapping.

PYRAMIDAL JUNIPERS

9464 *Scopularum* (Colorado Juniper) gjtyENZ. Compact, columnar growth from a single central stem. It is of unusual silver blue color. 3-4', \$8.00; 4-5', \$10.50.

9466 *Virginiana Cannarti* (Cannart Red Cedar) gjtvENZ. The deepest, richest green color of all Junipers, which, together with the fine textured foliage and plume like twigs, gives a luxuriant effect. When grown in naturalistic plantings not sheared it has the appearance of a branchy Spruce, but of course, is smaller. Cannarti Juniper may be trimmed and maintained at any size desired. 3-4', \$8.00; 4-5', \$10.50; 5-6', \$14.00.

9468 *Virginiana Pyramidiforma* (Dundee Juniper) gjtvNZ—Makes a compact, symmetrical pyramid of moderate size. Grayish green in summer, turning a purplish plum color in the fall. 4-5', \$10.50.

9470 *Virginiana Red Cedar* (Platte River Type). A dense and columnar tree with lustrous foliage of bluish green turning to purplish red in late fall and winter. It is used extensively in landscape work and being a large grower it is particularly valuable for windbreak protection. 3-4', \$7.50; 4-5', \$9.50.

THUYA (ARBORVITAE) hjstvNZ

Pyramidal Varieties

9474 *Elegantissima* (Gold Tinged Column Arborvitae). A narrow pyramidal Evergreen of tall and stately form. Its habit of growth is more compact than that of other golden pyramidalis. Highly prized as an accent subject because of its distinct form and contrasting color. In gal. cans. 12-15", \$1.50; Extra heavy, 3-4', \$7.50; 4-5', \$9.50; 5-6', \$12.00.

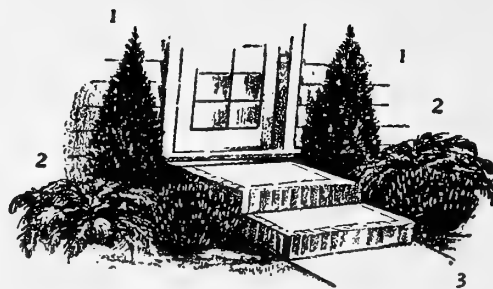
9480 *Orientalis Pyramidalis* (Compacta- or Chinese Arborvitae). Comparatively low, broad conical form and compact habit. Fine fern-like foliage of yellowish green color. 4-5', Extra heavy, \$11.00.

9476 *Occidentalis Excelsa* (Western Arborvitae). Not available this season.

NOTE: Yearly trimming of Junipers and Arborvitae is very beneficial, making sturdier, more compact trees that sustain less winter snow damage. Also very important is the fact that the plants may be kept at any desired size. In the Mountain States trimming should be done in early spring or about September 1st.



Juniper Virginiana Cannarti



A Typical Entrance Planting

The types of Evergreens shown above:
No. 1—Juniper Chinese Pyramidalis Blue.
No. 2—Juniper Pfitzer.
No. 3—Mugho Pine.

9462 *Chinese Pyramidalis Blue* (Column Juniper) gjmtvNZ. The popular Chinese Juniper is one of the most adaptable to use in landscape plantings. Its rich blue green color is a pleasing compliment to all colors of brick and stucco. It is a rapid grower and will thrive in any situation where the sun shines for half a day. 3-4', \$8.00; 4-5', \$10.50; 5-6', \$14.00.

9478 *Occidentalis Pyramidalis* (Pyramidal Arborvitae). A distinct species of columnar form (nearly as wide at the top as it is the bottom, and very deep green foliage which is irregularly turned and slightly curled. Very hardy and particularly adaptable to partly shaded situations. 30-36", \$6.00; 3-4', \$7.50; 4-5', \$9.50; 5-6', \$12.00.

Dwarf Varieties

9484 *Biota Bonita* (Meldensis). Dwarf habit, neat pyramidal form and rich deep green foliage which grows vertically with a pressed appearance. Identical to the popular *Orientalis Aurea Nana* except for its green color. 18-24", \$4.75; 30-36", \$7.50.

9486 *Globosa* (Globe Arborvitae). Forms a low dense globe of a handsome shade of green. Ideal for formal plantings or on either side of an entrance or step. 18-24", \$5.00.

9488 *Orientalis Aurea Nana* (Berckman's Dwarf Evergreen Arborvitae). The most wanted Arborvitae. Dwarf, golden tipped, pyramidal. Always shapely and beautiful. Gal. cans, \$1.50; 15-18", \$4.25; 18-24", \$5.25; 24-30", \$6.25.

PREVENT DOG DAMAGE

3347 *Scram* (Dog Repellent) is a harmless powder used to keep dogs away from shrubs, flowers, lawns, porches, store fronts, etc. Apply immediately after planting evergreens.

8 oz. Shaker pkg. 49c



PEAT MOSS FOR PLANTING

Soils which do not contain moderate amounts of humus do not encourage rapid growth of new roots which are necessary to maintain growth of all transplanted plants.

Peat Moss is 100% humus. It loosens compact soils, and softens gravelly or sandy soils. It retains moisture and allows fibrous roots to penetrate. Mix about 15% of Peat Moss with the soil that you put around the roots.

BROAD - LEAVED EVERGREENS

FOR MODERN DISTINCTIVE LANDSCAPE PLANTINGS

The Berries and Foliage Are Beautiful in Winter House Decorations

All Evergreens are quoted f.o.b. Salt Lake City, See page 64 for quantity schedule.



Mahonia Aquifolia

BARBERRY

9518 *Berberis Sargenti* 4' hlopvBUW. Not available this season.

BOXWOOD

9519 Dwarf houwSW—A formal plant for gardens where pyramids and globes are desired. Foliage glossy and dense. Especially effective for entrance plantings. Dwarf compact habit. 18-24", \$10.75; 24-30", \$12.75.

COTONEASTER

9522 *Horizontalis* 18" hjgvxBENW. Small glossy green leaves artistically arranged along the almost horizontal branches. An ideal dwarf shrub for the partially shaded situation. Gal. cans, each \$1.50.

CONIFERS

PINUS (Pine)

9494 *Austrian* gjtNW—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Gas and smoky atmosphere have no effect on its growth. 30-36", \$8.50; 3-4', \$10.00; 4-5', \$12.50.

9498 *Mugho* (Dwarf Pine) gjuvNW—A low, dense plant of formal habit with bright green leaves. It is best used in entrance or foundation plantings, also as a rock garden plant or single specimen. It does well in a wide variety of soils and exposures. 12-15", \$3.75; 15-18", \$4.75; 18-24", \$5.75.

SPRUCE (Picea)

9500 *Black Hills* gjtNW—Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage bright green to bluish tints. 3½-4', \$8.75; 4½-5', \$12.50

9508 *Colorado Blue* (P. Pungens Glauca) gjtNW—18-24", \$9.50; 2-2½', \$10.50; 2½-3' \$12.00.

9504 *Moerheim Blue* gjtNW—Not available this season.

9506 *Norway* gjtNW—Effective in groups or for hedges and wind-breaks. Compact, symmetrical habit of growth, with rich, dark green foliage. Very adaptable to adverse soil conditions. This variety is most commonly used for Christmas trees. 4-5', \$12.50; 6-7', \$25.00.

EUONYMUS

9528 *Japonica iopvNW*—H-8'. Upright habit of growth with a dense, glossy, handsome foliage. Gal. cans, 15-18", \$1.50; B & B 30-36", \$5.00.

9526 *Fortunei Carrierei* 36" (Glossy Winter Creeper).—Not available this season.

MAHONIA

9530 *Aquifolia* (Oregon Hollygrape) houvBNW H-5'. Leaves shiny and attractively changing shades of green. Flowers yellow, in dense clusters, followed with light purple berries. Established in gal. cans, \$1.50; 5 gal. cans, \$5.25; Field grown, 18-24", \$4.75.

PYRACANTHA

9534 *Coccinea Lalandii* hjp vBENX, H-10'. Leaves dark, glossy and evergreen. Flowers white, in clusters, followed by orange-scarlet berries so much admired, large, fast grower. Established in 1 gal. cans, 12-15", \$1.50; 3 gal. cans, \$3.50; 5 gal. cans, \$5.50.

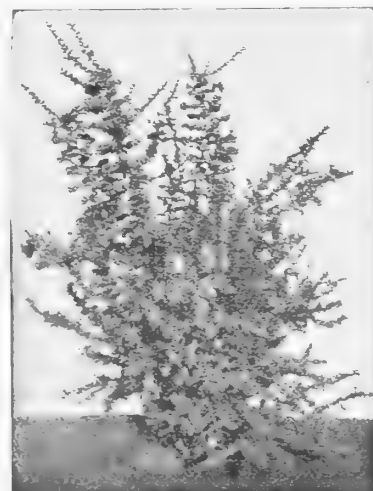
9536 *COCCINEA PAULCIFLORA* (Dwarf Pyracantha) (5') hlpvBENW—The hardiest pyracantha, also outstanding for its compact rounded formal habit. Its twigs and leaves are shorter than those of *Pyracantha Lalandii* and it produces fewer flowers and fruit, but is prized for its fine form, texture and dwarf habit. Established in 1 gal. cans, \$1.75; 3 gal. cans, \$3.75; Field grown, 18-24", \$4.75.

VIBURNUM

9538 *Burkwoodi* (Gardenia Scented Snowball) hjvANW (H-4'). Most outstanding shrub introduction in recent years. Waxy, pinkish white flowers. The rich, glossy, semi-evergreen foliage turns purplish bronze with winter weather. B & B 2-3', \$5.50.

Visitors Always Welcome

Visit our Center-ville Nursery and you will see thousands of both Conifer and Broad-leaved types of Evergreen Shrubs and Trees, all sizes and stages of development from the very small rooted cuttings to the large specimen sizes. Write us if what you want is missing from this list, no doubt we can supply it.



Pyracantha Lalandi (Fire Thorn)

CATALOG NUMBERS

The catalog number system used in this book and throughout our order filling department will enable us to complete orders more quickly and more accurately. Please include the catalog number as well as the name and size of each variety on your order.

• Flowering Shrubby •

A Selected Group of Better Hardy Shrubs
Adaptable to the Varied Requirements of Your Garden

SHIPPING WEIGHTS

All prices on shrubs are f.o.b. Salt Lake City. If wanted by mail, add postage at zone rates. (See postal zone rate chart on page 3.) The shipping weights are as follows: Size 18"-24", one only weighs 3 pounds; add 2 pounds extra for each additional plant. Size 2'-3', one only weighs 5 pounds; add 3 pounds extra for each additional plant. Size 3'-4', one only weighs 7 pounds; add 4 pounds extra for each additional plant. See page 64 for quantity price schedule.

INFORMATION

The interpretation of the code letters following each variety name is tabulated on page 77. Following the informational code, the height and spread or maturity are indicated. For example. (H 3-4, S 3-4) may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." The sizes given are only approximate and will vary considerably according to soils and climate.

ALMOND

9190 **Pink Double Flowering** hkvAUVW (H 3-4, S 4)—Completely covered with sweetly scented flowers before the leaves appear. 2'-3', \$1.25.

ALTHEA (Hibiscus or Rose of Sharon) (H 10', S 5')

hjtCNVW

9194 **Coelestris Blue**—The gorgeous single disc-like flowers are produced in great quantity. Planted with the white variety, Snowdrift, it creates a most beautiful color effect.

9196 **Snowdrift**—Giant single, pure white flowers fully 4 inches across.

9198 **Rubis**—Very large wide open flowers of deep rose-pink with deeper center. The best and most brilliant of all single pink varieties.

Price of each of above, 2-3' \$1.00 each.

9214 HANSEN'S BUSH CHERRY gkpvBUV

These new dwarf fruit bushes (H 3-4, S 4-5) are excellent for hedges and ornamental shrubs. They are perfectly hardy, even in the generally colder sections where they are extensively planted for their fruit. 2-3', 75c each.

BERBERIS

9202 **Japanese Barberry** gjpυvBENVW (H 3-4, S 3-4)—Too well-known to require any comment. In fall its colored foliage and red berries cheer the boundaries of millions of gardens and homes. 18-24", 85c each; 10, \$7.65; 25, \$18.00.

9204 **MENTOR BARBERRY** (Berberis Mentorensis) Pat. No. 99 gjpυvBNVW (H 3-4, S 3-4)—New hardy, semi-evergreen barberry. Sturdy, erect growth carries a thick, dark, attractive green foliage right down to the ground. (See illustration on back cover.) 15-18" 75c; 10 for \$5.00; 100 for \$40.00. 18-24", 90c; 10 for \$6.00; 100 for \$50.00; 24-30", \$1.10 each; 10 for \$8.35; 100, \$70.00.

9206 **Red Leaved Barberry** (B. Thunbergii Atropurpurea) gkpvBENVW (H 3-4, S 3-4)—Identical with the popular Japanese Barberry except foliage, which is a rich, bronzy red color. 15-18", 85c; 5 for \$3.85, 18-24", \$1.00; 5 for \$4.50.

BUDDLEIA (Butterfly Bush) hjtFUVX

9208 **Dubonnet** (H 6, S 4)—Not available.

9210 **Ile de France** (H 5-6, S 4-5)—Not available.

9211 **ROYAL RED** (Plant patent No. 556) (H 5-6')—This new superior variety produces from July until frost, an abundance of large round sprays up to 1½ feet in length. In the garden its color is a rich, dark, royal purple; when displayed under artificial light it is intensified to almost red. Its deep green foliage of leathery texture makes the entire plant a desirable addition to the garden. 2 year plants 85c each.

CARAGANA

9212 **Siberian Pea Tree** gkptBNVW (H 8-10, S 8)—Compound leaves, bright green; numerous small clusters of yellow flowers. 24-30", 50c each; 10 for \$4.00; 25, \$8.50; 100, \$25.00.



Flowering Almond



Mentor Barberry



Hydrangea Quercifolia—Oak-Leaved

CORNUS (Dogwood) *glntBNVX*

9218 Red Siberian (*C. Sibirica*) (H. 6-8, S 6)—Produces cream colored flowers, light blue fruits, and bright red twigs and branches. 2-3', 85c.

COTONEASTER *gjtrBENVW*

9220 *Acutifolia* (H 6-7, S 5-6) Especially desirable for its dense, dark green foliage effect; blooms pinkish white, berries black. 2-3', \$1.00; 3-4', \$1.25.

9224 *Divaricata* (H 5-6', S 4-5') One of our most graceful and most beautiful shrubs. The branches from the center stand quite erect, creating an informal dome above the arching side branches, the whole being covered with small, glossy, pointed leaves. It is covered in the spring with dainty pink blossoms and in the fall with an abundance of shiny scarlet berries. Bare root, 3-4', \$2.00.

CYDONIA (Fl. Quince)

9226 Japonica (Japanese Quince) *gkpsvANVW* (H 4-5, S 5)—Brilliant crimson flowers, among the first in the spring. 18-24", \$75c; 2-3', \$1.00; 3-4', \$1.25.

EUONYMOUS *hjtrBEVW*

9242 *ALATUS COMPACTA* (H 5-6, S 5)—Foliage bright green, changing to a deep rose in autumn, a color unusual among shrubs. Its winged branches and orange-red berries make it invaluable for winter landscapes. 18-24", \$1.25; 2-3', \$1.50.

9244 *Americana* (H 7-8, S 6-7)—Similar to the above except that it is a larger grower. 15-18", 50c; 18-24", 65c; 2-3', 85c.

LIGUSTRUM

9274 *Vulgare* (English Privet) *gjltBENVZ* (H. 10-12)—A hardy plant with lustrous black berries and dense, deep green foliage. 2-3', 40c. For hedges, 18-24", 25 for \$7.25; 100 for \$22.50; 2-3', 25 for \$10.00; 100 for \$32.50.

9276 *Ibota Regelianum* (Regel's Privet) *hjlpBENVX* (H 6-8, S. 4-5)—Its horizontal effect with its wealth of metallic black berries in the fall make it a desirable subject for shrub groups. 18-24", 80c; 2-3', \$1.25.

9278 *LODENSE* (Dwarf Privet) *hjlunWVZ* (H 2-3)—Glossy, deep green foliage; splendid for dwarf shrubs and low hedges. For hedging, 10-12", 25 for \$8.75; 100 for \$32.00; 12-15", 25 for \$10.50; 100 for \$38.00; Specimen clumps, 18-24", \$1.25.

FORSYTHIA (Golden Bell) *gjt4VY*

9248 *SPECTABILIS*—The showy border Forsythia. Because of its pleasing habit of growth, hardiness, and its large profusely borne flowers, it is the best and most useful of all Forsythias. See color illustration, page 79. 2-3', 90c.

HYDRANGEA

9252 *Aborecens Grandiflora* (Hills of Snow or Snowball Hydrangea) *hosvBSVX* (H 3, S 3)—Not available.

9254 *Paniculata Grandiflora* "Pee Gee" *hosvCSVX* (H 5-6, S 5)—Not available this season.

9256 *OAK-LEAVED* (*Quercifolia*) *hosvCSVX* (H 3-4, S 3) Leaves similar to an oak leaf. Pure white flowers borne in huge panicles; colorful autumn leaves. 18-24", \$1.25; 2-3', \$1.50.

HONEYSUCKLE (Bush Lonicera)

Tartarian varieties *gjptBENOVW* (H 8-10, S 6-8)—Most popular tall bush honeysuckles.

9258 Tartarian Pink

9259 Tartarian White

9260 Tartarian *Pulcherima* (bright red). 18-24", 10 for \$5.50; 25 for \$12.50; per 100, \$45.00. Other quantities and sizes as listed below.

9262 *Fragrantissima* (Winter Honeysuckle) *gjlpstvANVW* (H 6, S 4)—(not available).

9264 *Korolkowi Floribundi* (Blueleaf Honeysuckle) *gjltvBNVW* (H 6-8, S 4-5)—A novelty with blue-green foliage and rose-pink flowers. 2-3', \$1.25.

9266 *L. Morrowi* *gjltBENOVW* (H 6-8, S 6)—White and yellow flowers. No species more handsome in fruit than *L. Morrowi*. (See illustration on back cover.)

9268 *Maacki* (*Podocarpa*) *gjptBENVW* (H 8-10, S 8)—Late Honeysuckle. A newer species to the American gardens; large milk-white flowers clustering its rigid branches from base to tip; leaves hold until late in November. Berries dark red. 3-4', \$1.25.

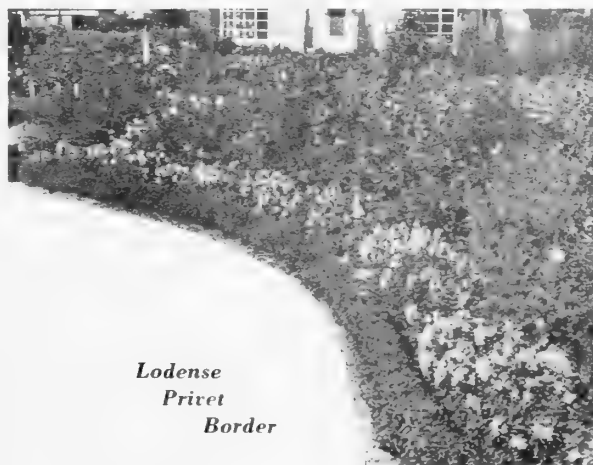
Any of the above Honeysuckles, except where noted—Price 2-3', 90c; 3-4', \$1.25.

KERRIA

9270 Japonica Double *hjlunFNVX* (H 4-5, S 3)—A graceful shrub with attractive orange-yellow flowers, bright green leaves and bark. 2-3', \$1.25.

KOLKWITZIA AMABILIS

9272 *BEAUTY BUSH* *hktvBUVW* (H 6-8, S 6)—Long, arching branches; all the merits of a perfect shrub combining hardiness, beauty of foliage, and amazing profusion of pale pink, bell-shaped flowers. 2-3', \$1.50.



*Lodense
Privet
Border*

GORGEOUS NEW FRENCH LILACS

(H 10-18') *gjt vBNVY*

GROWN ON THEIR OWN ROOTS ADAPTED TO INTERMOUNTAIN CLIMATE

Lilacs are best planted from late October until the ground freezes, but very early spring planting will also give good results.

(D) following the name indicates double arrangement of petals. (S) indicates single form.

9284 **Charles Joly** (D)—Produces fine long lasting blooms of an even toned dark purplish red. 3-4', \$2.00.

9286 **Lamartine** (S)—Not available this season.

9290 **Marshal Lannes** (D)—Not available this season.

9292 **Michial Buchner** (D)—Medium sized flowers in long clusters, varying from lilac to pale lilac blue. 2-3', \$1.75.

9294 **Miss Ellen Willmott** (D)—Immense panicles of perfectly formed creamy white flowers. The greatest double white lilac. 18-24", \$2.50; 2-3', \$3.00; 3-4', \$4.00.

9296 **Mont Blanc** (S)—Buds greenish yellow, opening pure white. 2-3', \$1.75.

9298 **Mme. Lemoine** (D)—Buds viridine yellow, opening snow white. 2-3', \$1.75.

9300 **Pres. Grevy** (D)—Not new, but still regarded as one of the best double clear blue lilacs. It is a strong grower. 2-3', \$1.75.

9306 **Rhum Von Horstenstein** (S)—Immense blooms of light red purple. 2-3', \$1.75.

9308 **Souv. de Ludwig Spaeth** (S)—Very popular among lovers of dark colored flowers. Buds carmine to Schoenfeld's purple, opening rose purple. 18-24", \$1.25; 2-3', \$1.75.

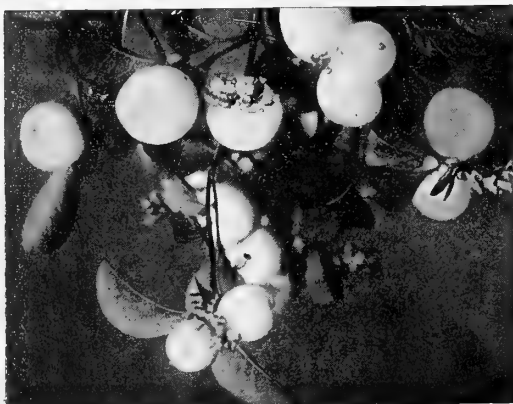
LILAC SPECIES

9314 **New Chinese or Rothomagensis** *gjt pBNVW* (H-10')—A distinct hybrid variety with slender stems, reddish purple flowers. 2-3', \$1.00.

Hedge Size, 12-18"—10 for \$5.50; 25, \$12.50; 100, \$45.00.

9316 **Persian** *gjt pBNVW* (H-10')—Not available this season.

Vulgaris *gjt ANORVW* (H-12-15')—The well-known old fashioned common Lilac. 9318 White and 9319 Purple. 2-3', 90c.



Symphoricarpus Racemosus (Snowberry)

PHILADELPHUS (Mock Orange) *gjpstBNPVW*

9324 **Coronarius** (H 6-8, S 4-5)—Large, single flowers; grows tall and upright. 2-3, 90c.

9326 **Lemoine** (H 4-5, S 4)—Not available this season.

9328 **Virginalis** (H 7-8, S 7)—A vigorous, tall grower, with very large, double-crested, sweetly-scented clusters of pure white blossoms throughout the season. 18-24", \$1.00; 2-3', \$1.35.

POTENTILLA

9330 **Fruiticosa** *gkmuFNVW* (H 2-3, S 3)—Not available this season.

RHODOTYPOS

9338 **Kerrioides** (White Kerria) *hjlmsvEVW* (H 4-5, S 5)—White flowers followed by black fruits which hang all winter; foliage very attractive. 2-3', \$1.25.

RHUS (Sumac)

9340 **Canadensis Dwarf** *hjmsuxBNVW* (H 3-4, S 4-5)—Blossoms yellow catkinlike, its foliage differs greatly in texture from that of other Sumac and is very fragrant when crushed. 18-24", 75c; 2-3', \$1.00.

9342 **Glabra** *gmtBNVW* (H 6-8)—A new cut-leaf variety with a splendid fruit display. 3-4', \$1.00.

9344 **Typhina** (Staghorn Sumac) *gjmtxBENVW* (H 10-12)—Develops colored leaves and red fruit. 3-4', 85c; 4-5', \$1.00; 6-8', \$1.50.

ROBINA *hjmstxBUVW*

9348 **Hispida** (H 4-5, S 5)—Not available this season.

SPIREA

9360 **Arguta** *gjsvANVWY* (H 4, S 3)—Fine, deep green foliage; minute, purest white flowers. 18-24", 60c.

9362 **Frobeli** *gjsvBCNVY* (H 4, S 4)—Leaves are purple when young. Deep rosy blooms are borne in abundance. 15-18", 60c; 18-24", 75c.

9364 **Prunifolia** (Double Bridal Wreath) *hjsvANVWY* (H 6, S 6)—One of the best; a beautiful shrub of medium size, double white flowers. 2-3', \$1.00.

9366 **Thunbergii** *gjsvANVWY* (H 5, S 5)—Graceful and beautiful at all seasons; flowers white. 18-24", 60c; 2-3', 75c.

9368 **VAN HOUTTE** (Bridal Wreath) *gjpstvBNVWH* (H 6-8, S 6)—It is round and graceful, with long, thin, arching branches. Flowers in white clusters. 18-24", 60c; 2-3', 75c; 3-4' clumps, \$1.25.

Van Houtte for borders and hedging, 18-24", 10 for \$5.00; 25 for \$11.25; 100 for \$40.00.

SYMPHORICARPUS *gjlmnpsvBENVW*

9372 **Chenaulti** (H 4-5, S 5)—A hybrid, the foliage is smaller and the plants are neater throughout than vulgaris. Handsome red fruit.

9374 **Racemosus** (Snowberry) (H 4-5, S 4)—A graceful shrub, chiefly planted for its waxy white fruit. Either of the above *Symphoricarpus*—Price, 18-24", 60c; 2-3', 75c; 3-4', \$1.00. For informal border screens, 18-24", 10 for \$5.00; 25 for \$11.25; 100 for \$40.00.

TAMARIX *gjmtxBNRVWY*

9378 **Hispida** (Kashgar) (H 15, S 6)—A distinct variety with delicate soft pink sprays of flowers in early spring and again in July. Prune branches to the ground when planting. 2-3', 85c.

VIBURNUM

9384 **Americanum** gjmtBENVW (H 10-12', S 10') (Cranberry Shrub)—The foliage is large, three lobed and of exceptionally heavy texture. Its bright scarlet fruits hang in large clusters during the fall and winter. 2-3', \$1.00.

9386 **Dentatum** (Arrow-wood) gjlst-BENVW (H 6-8, S 6)—Creamy white flowers, followed by blue-black berries and purplish red foliage. 2-3', \$1.25; 3-4', \$1.50.

9388 **Opulus Sterilis** (Common Snowball) gjmtBNVW (H 8-10, S 10)—Ball-like, pure white flowers. 2-3', \$1.25.

WEIGELAS *hjrBSVY*

9396 **Bristol Ruby** (Pat. No. 492). (H 5, S 5)—Not available this season.

9398 **Rosea** (H 5-6', S 5)—A dense, rounded shrub with arching branches. Valued for its handsome, rose colored flowers. Plant in sunny exposure. 2-3', 85c.

Charming Climbers and Ground Covers to Soften Projecting Lines of Land or Architecture

AMPELOPSIS

9404 **Englemanni** (New Virginia Creeper) gjmBENVW (H 35-40')—Self clinging to most surfaces. Each 75c.

9406 **VEITCHI** (Boston Ivy) giN. Clings firmly to smooth surfaces. The glossy refined foliage is a most handsome wall covering. Dormant Roots, 90c each; established in cans, \$1.25. Shipping weight 12 pounds. Canned stock travels cheaper by express.

BIGNONIA (H-20') *gmjFNV*

9408 **MME. GALEN** (Giant Trumpet Vine). The most striking improvement in this family. Broader trumpets and a beautiful rich shade of orange. Each, \$1.25.

CLEMATIS

9414 **Paniculata**—hjoCN (H 25'). A strong growing but graceful vine. Produces an array of fragrant white flowers from August until fall. Each 90c.

LARGE FLOWERED CLEMATIS

A partially shaded location is ideal for the large flowered Clematis. They thrive best in a rich loam of rather light texture. The soil should be slightly alkaline and must be well drained. The plants should be set with the collar of the plant at least 2 or 3 inches below the surface. A mulch of peat moss to keep the roots moist in summer, and protect them in winter is very helpful the first year.

9416 **Jackmani** (H 20'). A most popular variety—velvety violet purple.

9418 **Mme. Edouard Andre** (H 15-20'). Similar in habit and form of flower to Clematis Jackmani. Its color is rich crimson red and makes a very distinctive and glowing picture in the summer and early fall. Either of above, 1 year plants from 4-inch pots, \$1.10 each.

EUONYMUS

9422 **Colorata**—jhlqU (H 1'). An evergreen creeper of unusual distinction. Compact form and luxuriant foliage make it the most highly prized ground cover. 2 yr. plants 75c each; 10 for \$6.50; 25 for 14.75; 100 for \$52.00.

9424 **Radicans Vegeta** (Evergreen Bittersweet) hjdqBEN (H 15'). Unequaled as a wall covering. Each, \$1.25.

HEDERA (H-20') *gloqU*

9425 **Helix** (English Ivy)—A striking and handsome climber or ground cover; excellent on north walls and under shrubs. Needs protection from the winter sun. 2½" pots, 35c; 4" pots, 60c each.

9426 **HELIX BALTICA** (Baltica Ivy)—The hardiest of the ivies. A small leaved variety that is excellent for north and west exposures. 2½" pots, 35c each; 10 for \$3.00; 100 for \$25.00. 4" pots, 60c each.

HONEYSUCKLE (Vine) *gjloqxFUV*

9430 **Goldflame**—An ever blooming honeysuckle of remarkable beauty. Admired by everyone who sees it. Each 90c; 10, \$8.00; 100, \$72.00.

9432 **Halliana** (Hall's Japan Honeysuckle). Semi-evergreen ground cover or climber. Fragrant white and yellow flowers. 2 yr. plants each, 65c; 25 for \$11.75; 100 for \$41.50.

SILVER LACE VINE

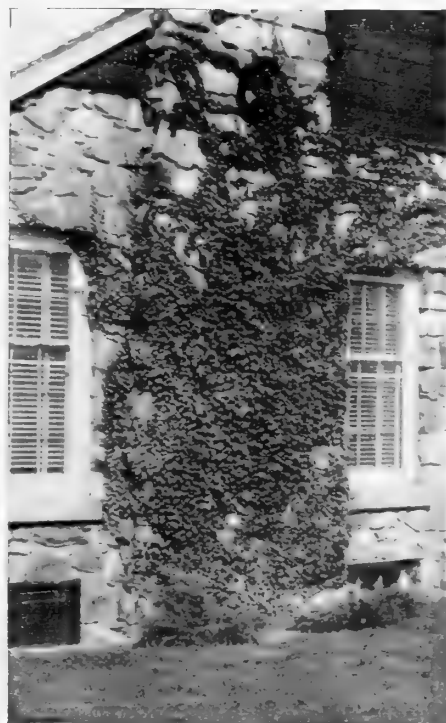
9436 **Polygonum Auberti**—gjmBCNVXY (H 40'). Rapid grower. Each, 90c.

WISTERIA *jhBUVW*

9438 **Sinensis**. The old favorite lavender blue variety. Each, 75c.

SHIPPING WEIGHTS FOR VINES

In 2½" pots, one only weighs 1 lb., add ½ lb. for each additional; in 4" pots, one only weighs 3 lbs., add 2 lbs. for each additional; in gallon cans, each 12 lbs., vines not in containers, one only weighs 2½ lbs., add 1 lb. for each additional.



Ampelopsis Veitchi
(Boston Ivy)

NOVELTY

Roses

ALL-AMERICA SELECTION WINNERS
AND OTHER PATENTED ROSES

8898 **Charlotte Armstrong** (Pat. No. 455)—AARS. The magnificent long-stemmed flowers are spectrum red in the cooler seasons and cerise red during the summer heat. They open slowly and retain their beauty a long time. \$1.50 each; 3 for \$3.75.

8902 **CRIMSON GLORY** (Pat. No. 105)—Truly glorious in its perfection of form, size and fragrance. Its large shapely buds open into full-double blooms of deep vivid crimson. Crimson Glory is a continuous bloomer and an outstanding rose in every respect. \$1.50 each; 3 for \$3.75.

8914 **Hearts Desire** (Pat. No. 501) AARS—A truly red rose with long pointed buds. The large petals unfold slowly, revealing their fine substance, and lasting for a long time. Its fragrance, form, and strong vigorous growth have made it a leader in the rose world. \$1.50 each.

8916 **Horace McFarland** (Plant Pat. applied for) AARS—The large distinctive blooms of Horace McFarland, ranging from deep glowing apricot-pink through salmon-buff to coral-pink, open from long gracefully formed buds. The plant is healthy and has large dark green leathery foliage. \$2.00 each.

8918 **Katherine T. Marshall** (Pat. No. 607)—A satiny deep coral pink with petal bases of gold, equally beautiful in the garden or indoors under artificial light. \$2.00 each.

8922 **Lowel Thomas** (Pat. No. 595)—A rich butter yellow that does not fade. A strong vigorous grower with pointed buds and large flowers. Fragrant. \$2.00 each.

8934 **Mirandy** (Pat. No. 632) AARS—A plant of tall vigorous habit, freely producing its glorious buds which open into large double blooms of rich maroon red with penetrating fragrance. \$2.00 each.

8938 **Mme. Chiang Kai-shek** (Pat. No. 664) AARS—Well shaped, long tapering buds of clear lemon yellow. The bush has a strong upright habit of growth and glossy disease-resistant foliage. \$2.00 each.

8930 **Mme. Cochet-Cochet** (Pat. No. 129)—Fragrant, cupped flowers of soft salmon-pink with a satiny sheen. \$1.25 each.

8946 **PEACE** (Pat. No. 591)—The All America Rose election for 1946. Peace is truly a superior rose both in flower and in the hardy, vigorous, disease-resistant plant. The attractively cupped, very double, high-centered blooms open from buds of golden yellow etched with pink; change to pale gold and finally to iridescent cream. The large petals are trimmed with apple-blossom pink that deepens as they gradually unfold into glorious 5 inch blooms.

There should be a place in every garden for the lovely flowers and delicate fragrance of Peace. \$2.50 each.

8947 **RUBAIYAT** (Prop. Rights Reserved)—Here is another gorgeous creation from the famous old house of the McGredy's of Ireland, and the unchallenged winner of the 1946 All America Rose Trials. From ovoid form, the delicately fragrant buds taper out as they mature to nearly two inches in length; the rich cerise red deepening as the flower expands. Rubaiyat is a vigorous grower, sending stout, erect stems to a height of about 3 feet and blooming persistently. \$2.00 each.

8958 **Texas Centennial** (Pat. No. 162)—Bright glowing carmine red. A sport of President Herbert Hoover, inheriting its healthy vigorous growth. \$1.25 each.



GROWING SUPERIOR ROSES

Until just a few years ago it was believed that good quality roses could not be grown without the use of manure as a fertilizer and soil conditioner. Then, in the more densely populated areas, manure began to get scarce. There was not enough within a reasonable distance to supply all the gardens, and consequently growers found themselves forced to accept substitutes.

It was soon learned that Vigoro could best supply all the elements that roses need from the soil and that when used in combination with Peat Moss, roses of even finer quality were produced than could be grown with the use of manure.

Peat Moss keeps the soil loose and loamy, encouraging the growth of innumerable tiny root hairs. It also allows air and water to penetrate the soil and holds them in more uniform suspension. These elements in turn support the growth of soil bacteria which help to make available to plants the generous quantities of plant food contained in Vigoro.

Treat your roses to a combination of Peat Moss and Vigoro and watch them grow healthier bushes, stronger stems and more colorful flowers.

See prices on page 73

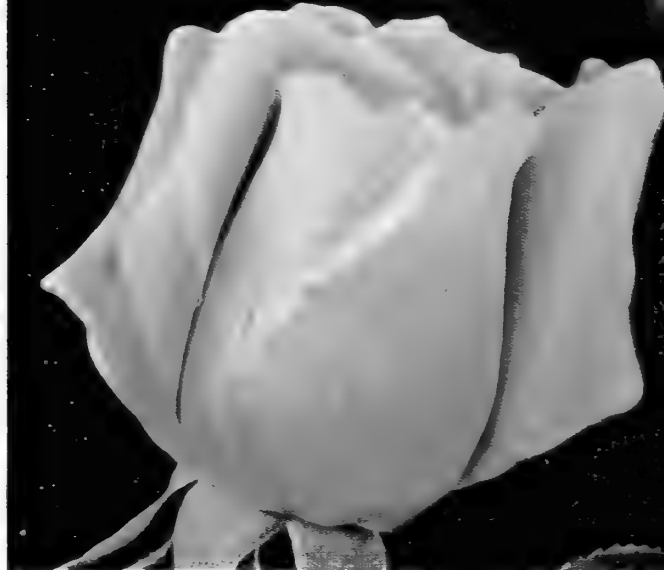
All America Roses

SPECIAL No. 751

These three garden favorites, selected from the few most promising seedlings which each year are considered worthy of entering the AARS trials.

ALL THREE ROSES — ONLY \$4.75

Postage and packing 20c extra



n 8938

Mme. Chiang Kai-Shek



(Plant Patent No. 664)

All America Winner for 1943. A yellow rose of divine form and patrician elegance. The buds and flowers are unusually large; lemon yellow in color, fading to light yellow as the flowers mature. Worthily supporting such remarkable floral beauty is the vigorous, compact bush with its glossy disease resistant foliage

\$2.00 each



n 5946



Peace

(Plant Patent No. 591)

left

The All America Rose Selection for 1946. Peace is a truly superior rose both in flower and in the hardy, vigorous, disease-resistant plant. The attractively cupped, very double, high-centered blooms open from buds of golden yellow etched with pink; change to pale gold and finally to iridescent cream. The large petals are trimmed with apple-blossom pink that deepens as they gradually unfold into glorious 5-inch blooms

\$2.50 each

n 8914

(right)

Heart's Desire

(Plant Pat. No. 501)



Long-stemmed, long-pointed buds of superb form opening to shapely blooms of pure luminous red. The large petals unfold slowly revealing their fine substance and lasting for a long time. Complimentary to the outstanding visual beauty of Heart's Desire is its unusually sweet fragrance. Its leadership in the world of roses is further insured by the strong vigorous habit of the plant itself.

\$1.50 each





The Universal Six

Harmonious Colors



Hardy



Floriferous



**If planted
by early
April they
will bloom
for you in
June**

**SPECIAL
No. 752**

Six of the finest Roses, our
selection according to stock
available at the time of fill-
ing your order.

**Coral Shades
Yellow Blend
Crimson Red
Deep Pink
Pure Gold
Rich Two-toned**

6 ROSES
only
\$5.25

Postage and Packing 30c extra



Quantities are limited again this year, but are graded to the usual high Porter-Walton's standard of quality, and are stored until planting time under controlled temperature and humidity conditions necessary for the retention of their highest vitality.

All nursery stock, including roses, is quoted f.o.b. Salt Lake City.

Prices: \$1.00 each; 3 of one variety for \$2.75. If shipment is requested by mail add 14c for one, 20c for 3, or 30c for 10 for packing and postage.

CRIMSON RED AND SCARLET

- 8806 **CHRISTOPHER STONE**—A glowing velvety scarlet crimson that holds up well in hot weather. Mildly fragrant and very popular.
8808 **E. G. Hill**—Fragrant and free-flowering. Crimson.
8810 **ETOILE DE HOLLAND**—Large semi-double flowers of richest red and pleasant fragrance. Hardy and vigorous.
8812 **Grenoble**—Glorious deep crimson-red.
8816 **Gruss an Teplitz**—Fiery crimson. Makes a colorful rose hedge.
8817 **Hoosier Beauty**—Fine rich red.
8828 **Margaret McGredy**—Full double blooms of orange-scarlet.
8814 **McCREDY'S SCARLET**—Dark glowing rose-scarlet flowers of large size.
8820 **Poinsettia**—Glowing fire red; the brilliance of poinsettias at Christmas time. Long pointed buds, vigorous.

WHITE & BLUSH WHITE

- 8884 **Caledonia**—Exquisite, best pure white.
8889 **Innocence**—Large single blooms of pure white, with wine-red stamens.
8886 **McGredy's Ivory**—Large, well-shaped creamy white, fragrant.

YELLOW

- 8850 **Cecil**—Dainty single flowers of clear buttercup yellow.
8852 **Golden Rapture**—Beautifully formed buds, fully double blooms, rich yellow, long strong stems.
8854 **Joanna Hill**—Creamy yellow, shaded bronzy pink.
8859 **McGredy's Yellow**—Perfectly formed, fragrant flowers of bright buttercup yellow.
8856 **MRS. E. P. THOM**—The beautifully formed buds develop into perfect blooms of rich yellow with delicate fragrance.
8857 **Mrs. P. S. DuPont**—Free flowering, double, rich yellow. A good grower and an excellent rose.
8858 **SOEUR THERESE**—Exceptionally fine, long pointed buds of silvery yellow, changing to daffodil yellow as the flower matures. Fragrant.

PINK

- 8864 **Dainty Bess**—Large single, rose pink, waxy-petalled blooms with wine-red stamens. Very popular.
8870 **Dame Edith Helen**—Glowing two-toned pink. Fully double.
8866 **EDITH NELLIE PERKINS**—Lovely flowers in delicate tones of light cerise pink. Inside, the petals are suffused with gold.
8872 **Editor McFarland**—Perfectly formed, fresh deep pink.
8880 **Isobel**—One of the favorite singles, bright orange-toned pink.
8874 **Picture**—Warm pink, under tones of salmon. A dainty flower of exquisite form.
8876 **PINK DAWN**—Large deep rose buds opening to pink with shades of dawn-grey and touched with orange at the base. Pink Dawn has a delightful fragrance.
8878 **The Doctor**—Long, pointed buds, enormous blooms. Exquisite silvery pink. Intensely fragrant.

COPPER-SALMON

- 8832 **Autumn**—Startling; rich burnt orange yellow and red.
8830 **CONDESSA DE SASTAGO**—The bush is a vigorous grower with and abundance of glossy disease-resistant foliage. The blooms are deep coppery pink inside with golden yellow reverse.
8836 **DUQUSSA DE PENARANDA**—The very shapely buds are an unusual shade of apricot orange; opening smooth, slightly lighter tones.
8834 **Girona**—Richly fragrant flowers of soft golden yellow with a collar of Tyrian-rose. A vigorous grower.
8838 **Heinrich Gaede**—Bright vermillion toned gold; good form and fragrance.
8844 **Mme. Jos. Perraud**—Novel nectarium-orange, flushed shell-pink.
8846 **President Hoover**—Striking maroon-orange gold and cerise, pink.
8848 **Talisman**—Sensational rich golden-reddish apricot, stained copper.

\$ \$ SAVE \$ \$

on these

Special Size Roses

E. G. Hill **Pres. Hoover**
Soeur Therese **Picture**
Christopher Stone
Duquessa De Penaranda
Mrs. P. S. DuPont

These are the two-year-old number 2 grade plants and will bloom the first season after planting.

75c each
3 for \$2.10

Postage: 12c each; 18c for 3.

Everblooming Climbing Roses •

l:ktFVW

Sturdy canes and quite erect growth characterize these lovely roses. While they do not bloom as constantly as their "Hybrid Tea" parents, their bloom period does recur, placing them in the everblooming class.



Hardy Climbing Roses

hjtBNVY

9036 AMERICAN BEAUTY—Has the same deep rose-pink color, large size and sweet fragrance of the American Beauty bush type.

9038 AMERICAN PILLAR—Flowers, single, three to four inches across, of a lovely shade of pink, with a clear white eye and long golden stamens.

9034 CRIMSON RAMBLER—Large clusters of small scarlet flowers. Very hardy and a vigorous grower.

9040 DR. W. VAN FLEET—The long, pointed buds are of rich flesh-pink on stems 12-18 inches long.

9042 PAUL'S SCARLET—The flowers are an intense vivid scarlet, semi-double, and very freely produced in clusters of from 3 to 20 blooms on long-branched canes. A mass of color.

9044 PAUL'S LEMON PILLAR—Pale lemon buds and light yellow double, well-formed fragrant flowers. Strong grower.

9046 MARY WALLACE—Flowers are well formed, rose-pink with salmon base; large, glossy foliage.

9048 SILVER MOON—Beautiful semi-double flowers four inches and over in diameter, pure white, beautifully cupped with golden stamens in center.

9049 STAECHELIN (Spanish Beauty)—The long-pointed buds open into large semi-double blooms with slightly curled petals of delicate pink, shaded carmine. The flowers are long-stemmed and delightfully fragrant.

Price of all hardy climbing roses, except where noted—\$1.00 each; 3 of one variety for \$2.75; Postage and packing 14c each or 20c per 3.

9052 CL. COUNTESS OF STRADBROKE—Large impressive flowers of darkest and richest red. Delightfully fragrant.

9058 CL. DAINY BESS—Large single blooms of deep blush-pink, decorated with wine red stamens.

9056 CL. ETOILE DE HOLLANDE—Magnificent both in bud and bloom. Flowers indential to the bush form.

9062 CL. GLORIA MUNDI—Clusters of striking orange scarlet flowers.

9068 MERMAID—Blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphur-yellow with a gold center. Its bright, glossy evergreen foliage is just as beautiful in winter as in summer.

9072 CL. MME. ED. HERRIOT—Brilliant coral-red buds opening to flowers of flaming pink and orange.

9076 CL. MME. JULES BOUCHE—Best double, white, borne singly on long stems; pleasantly fragrant.

9080 CL. MRS. E. P. THOM—Well-formed blooms of clear yellow, one of the best yellows.

9090 CL. PRESIDENT HOOVER—The same high qualities and bloom as the bush form. Maroon-orange, gold and cerise-pink.

9098 CL. TALISMAN—Flowers same as bush form; rich rich golden, reddish-apricot stained copper.

Price of all Everblooming Climbing Roses, except where noted—\$1.25 each; 3 for \$3.35. Postage and packing 14c each or 20c per 3.



Cl. Talisman

• Grow Lovlier Cleaner Roses •

3465 MULTI-PURPOSE SPRAY SET

This set contains three 4 ounce bottles of spray concentrate. Besides Extrax for insects and Greenol for mildew, you get a 4 ounce bottle of Volck Oil Spray—a spreader and sticker. It smothers insect eggs and larvae and puts a glossy polish on plant foliage. Set makes 25 gallons of combination spray. \$1.85



3467 ROSE SPRAY SET

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphids and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables too. Each Set \$1.00



Floribunda Roses *hkpsAVW*

Hardy, everblooming, specially bred for mass planting. They are not only permanent but are more colorful and beautiful than the tender-foliage bedding plants used heretofore for this purpose. Plant about 16 inches each way.

9006 **Dagmar Spaeth**—A true white sport of Lafayette bearing flowers of the same lovely form. Its large showy trusses are produced all summer. It is often called the best white floribunda. 2 yr. No. 1, \$1.00; 2 yr. No. 2, 75c.



9012 **Else Poulsen**—Lasting brilliant, two-toned rose-pink. Semi-double, sweetly scented. (H. 30"-36".) 2 yr. No. 2, 75c.

9014 **Floradora** (plant patent pending) (H. 30") AARS—Tall sprays of 6 to 12 scarlet-orange blooms resembling little camellias, are fine for cutting. 2 yr. No. 1, \$1.50 each; 3 for \$3.75.

9018 **Improved Lafayette**—Medium sized deep glowing red flowers suffused with vivid crimson. (H. 18"-24".) 2 yr. No. 2, 75c.

Polyantha Roses *hkpsuFVX*

9022 **Golden Salmon**—Huge clusters of bright salmon-orange; profuse bloomer. (H. 18"-24".) 2 yr. No. 1, \$1.00; 2 yr. No. 2, 75c.

9024 **Ideal**—Garnet red. One of the finest. (H. 24"-30".) 2 yr. No. 1, \$1.00; 2 yr. No. 2, 75c.

9026 **Mlle. Cecile Brunner**—The "Sweetheart" rose. Perfect for boutonnières. Dainty sea-shell pink; delightfully fragrant. (H. 18"-24".) 2 yr. No. 1, \$1.00 each; 3 for \$2.75.

If by mail add 12c each or 18c per 3 for packing and postage.

Shrub Roses

The Appropriate Background for the Hybrid Tea Rose Garden

HYBRID PERPETUALS *gkpsBNVW*

These were the popular roses of forty years ago, and are no less dependable in the gardens of today, particularly in colder sections and high altitudes.

8964 **American Beauty**—Carmine-red.

8968 **American Beauty White**—Vigorous grower.

8969 **Gen. Jacqueminot**—Rich crimson scarlet with captivating fragrance.

8970 **Paul Neyron**—A thornless bush with gigantic pink flowers. Fragrant.

SWEET BRIER ROSES *gkptBNVW*

In the shrub border or as a background for a bed of Hybrid Tea Roses there is no finer subject than one of the sweet briers or shrub roses.

8984 **Austrian Copper**—Bright, coppery red, the reverse of the petals golden yellow. (H. 6'-7'.)

8985 **Harrison's Yellow**—Large double yellow flowers in long graceful sprays. (H. 7'-9'.)

8986 **Rosa Hugonis**—Delicate yellow single flowers on long, arching sprays early in May. (H. 6'-7'.)

8990 **Skyrocket**—Large clusters of brilliant red blooms throughout the entire season. (H. 5'-6'.)

Price of all "H.P.," Rugosa and Brier Roses—\$1.00 each; 3 for \$2.75.

Orders for mail shipment must include 14c each or 20c per 3 for packing and postage.

RUGOSA AND HYBRID RUGOSA

gkpsSNVW

The Rugosas are a distinct class having dark green, very deeply wrinkled leaves and double flowers with short ruffled petals.

8974 **Dr. Eckener**—Semi-double flowers of coppery rose and golden yellow. Very fragrant. (H. 5'-6'.)

8976 **F. J. Grootendorst Red**—Red flowers in clusters. (H. 3'-4'.)

8978 **F. J. Grootendorst Pink**—Pink flowers in clusters.



"Shrub Rose"—*Rosa Hugonis*

Modern Landscape Design

A Requirement of

Modern "Outdoor Living"

Now that proper understanding of the importance of garden and grounds is becoming general, and with the "outdoor living room" taking its rightful place as an essential element in every property, the practice of consulting trained specialists in landscape development is rapidly increasing. No longer does the home satisfy as a self-contained design unit. Rather, the home and its surroundings combine to produce a single effect, good or bad as the case may be. Thus the work of our Landscape Organization takes its place beside that of the Building Architect, each contributing to the accomplishment of the desired final—and single—home effect.

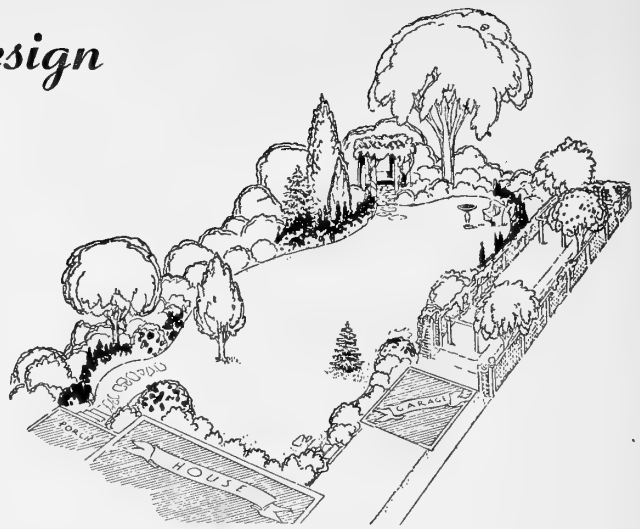
A Landscape Plan is Essential

Gardens and plantings for new homes or those already established require planning before construction. The services of our Landscape Organization insures a design attuned to your individual requirements, in harmony with the architectural motif, and employing the best natural features of your grounds.

YOUR BEST INVESTMENT—is experienced planning which avoids overplanting, later alterations and losses due to unsuitable material. Savings also result from reduced maintenance expense.



A special feature of a home accentuated by landscaping



The Time is Now!

Plan, Plant, Beautify

To be sure of a well organized, attractive planting, a property designed for "outdoor living and enjoyment," the following procedure is essential:

ANALYSIS—

Have a trained landscape architect analyze your grounds, determine whether you need Formal or Informal Planting, Rock Garden, Pool, Outdoor Living Room, Screens, Trees, Retaining Walls or other elements to give your property beauty and harmony.

THE PLAN ON PAPER*

Have a plan drawn which will crystallize all your ideas and set down in detail all that is necessary to obtain the desired effect.

SELECTION OF PLANTS

The selection of suitable plant material is very important. Not only must the plants be in first class growing condition, but also must be adaptable as to climate, soil conditions and ultimate growing habit. A complete plan and planting key prepared by a trained landscape architect is essential in this respect.

PROPER PLANTING

Proper planting is a science and its practice pays dividends when the growing results become evident. Our Landscape Department is staffed with men who have the accumulated practical experience of Utah's oldest and largest nursery. New equipment has been obtained to facilitate larger operations and speedier more efficient service. Our planters can efficiently handle your planting problems.

(Planting work is necessarily limited to practical distances from Salt Lake City, and according to the extent of the work required.)

WRITE FOR FULL DETAILS OF OUR COMPLETE LANDSCAPE SERVICE
Or Phone 4-6485

*Landscape plans must be drawn in advance of the planting season. Plans for spring development should be prepared during the winter.

• Ornamental Shade Trees •

NATURE'S OWN AIR CONDITIONERS THE FIRST ESSENTIAL FOR LANDSCAPING THE HOME

Ash (Fraxinus)

- 9546 American White ggyBNVW (H 60')—6-8', \$2.25; 8-10', \$3.25; 10-12', \$4.50.
- 9548 Green Ash ggyBNVW (H 50')—Shapely round top with dark green foliage. 6-8', \$2.25; 8-10', \$3.25; 10-12', \$4.50.
- 9552 European Mountain Ash (Sorbus Aucuparia) gjvyBEUVW (H 45')—White flower clusters 5 inches across, followed by orange red berries. 6-8', \$3.25; 8-10', \$4.25.

MALE ASH TREES

The desirability of non-seed-bearing male trees is receiving greater acclaim each year. The absence of the seasonal litter of seeds and its resulting crop of troublesome seedlings is, in itself, justification for the widespread acceptance of these especially propagated shade trees. The foliage of male trees is more abundant, more glossy and luxurious than that of ordinary trees.

- 9554 MALE EXCELSIOR (Male trees especially propagated) gntyNPVW (H 75')—Grown from selected non-seeding parent stock. Its broad head and abundant glossy foliage make it one of the most desirable of all Ash trees. 5-6', \$3.00; 6-8', \$3.75; 8-10', \$4.50; 10-12', \$6.00.
- 9550 MALE GREEN ASH gjvBNVW (H 50-60')—Especially selected and propagated from non-seed-bearing male trees. It is a tall pyramidal tree with a rounded head. The vigorous habit and dense glossy foliage make these male trees noticeably superior in the garden. 6-8', \$3.75; 8-10', \$4.50; 10-12', \$6.00.

BIRCH

- 9540 Cut-leaved Weeping Birch gjotyVW. The most beautiful weeping tree in existence. The snow white branches grow uniformly outward and upward from the straight central trunk which is also conspicuously white. A slender lacy veil is formed by the vertical hanging slender stems and deeply cut leaves. Very beautiful, hardy and clean. Plant very early to insure a good start. The trunks of smooth barked trees such as Birch should be wrapped for the first year after planting. 9-10', \$4.50; 10-12', \$6.00.
- 9542 European White Birch (Betula Alba) gjmntyNRW—A tall distinctive white barked tree with upright form. The leaves are nearly round, but abruptly pointed. 8-10', \$3.50; 10-12', \$5.00.

CATALPA

- 9556 Bungei (Umbrella Tree) hjmoyNVW (H 15'). Not available this season.
- 9558 Speciosa (Western Catalpa) gjmotyBNRVW (H 60')—8-10', \$3.00; 10-12', \$3.75.

CELTIS OCCIDENTALIS gjoyBSEVW

- 9560 Hackberry (H 40')—A valuable shade tree with widespread, somewhat pendulous branches. Forms a round-topped head with bright green leaves, turning yellow in the fall. 6-8', \$2.75; 8-10', \$3.25.

Nothing will lend more dignity or stateliness to a home than a few good shade trees carefully selected and judiciously placed. Trees for the average property must be placed for compositional effect as well as for shade; they should be planted where they will enframe the view, rather than divide it into incomplete fragments.

The home planting should partake of the character of its surroundings. The trees should enframe the house and be in harmony with the architecture by strengthening its permanence, and dignity. To achieve this effect, the hardwoods such as Cutleaf Weeping Birch, Moline Elm, Cordata Linden or Norway Maple are best used. Hardwood trees provide a majestic permanence, dignified atmosphere and ease of maintenance that cannot be attained by the use of faster growing, more brittle softwood types.



Male Green Ash

The prices on all trees are f.o.b. alt Lake Lake City. (See page 64 for quantity schedule.) The following sizes can be forwarded by mail if desired, but add extra for postage at the zone rates from Salt Lake City to your Post Office. Size 3-4', one tree weighs 5 lbs.; add 2 lbs. extra for each additional. Size 4-5', one tree weighs 7 lbs.; add 2½ lbs. extra for each additional. Railway Express or motor freight shipment is recommended for all larger trees.

Ornamental Shade Trees — continued

CERCIS *hjoyASW*

9562 **Canadensis** (Redbud) (H 30')—Striking ornamental trees, loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear. 5-6', \$2.75; 6-8', \$3.50.

CRABS, FLOWERING (*Malus*) *gityBEVW*

From the standpoint of good growth, foliage, flowers and fruits, they are more satisfactory than any other group of small flowering trees. Their hardiness and wide adaptability to soil and climatic conditions make them especially desirable in our mountain states.

9564 **ATROSANGUINEA** (12")—A small tree, picturesque in form, with deep purplish bark and purplish green foliage. The buds of deepest carmine open to pink and are followed by small reddish purple fruits.

9565 **BECHTELS** (H 12')—A very symmetrically formed tree with silver grey bark and large, deeply veined leaves. Its large double pink flowers resemble small opened roses.

9566 **Dolga** (H 15')—Not available this season.

9568 **Eleyi Purpurea** (H 15')—One of the best, the tree produces a mass of red bloom against a purplish bronze foliage. Dark red fruit that makes fine jelly.

9572 **Halliana Parkmani** (H 12')—Not available this season.

9574 **HOPPI** (H 12')—When in bloom, the flowering crab Hoppi is a gorgeous mass of soft rose red single flowers. The tree is upright and uniform in habit, growing rapidly into a beautiful small tree. Its bright orange red fruits are pretty in the fall and are good for jelly.

9576 **Red Silver** (H 12')—Red from top to bottom in bark, tree leaf, and flower. The leaves have a cutleaf character and are maroon, red and silver in color.

9578 **Scheideckeri** (H 15')—Large, semi-double pink flowers; waxy yellow fruits. Highly recommended.

Each of above Crabs—5-6', \$2.50; 7-8', \$3.00.

ELM (*Ulmus*)

9582 **American** (*Ulmus Americana*) *gityNSVW* (H 75')—Tall and graceful. 6-8', \$2.75; 8-10', \$3.75.

9584 **Chinese or Siberian** *gityNOVWX* (H 40') 5-6', \$1.50; 6-8', \$2.00; 8-10', \$3.00; 10-12', \$4.25.

9586 **Camperdown** (Umbrella Elm) *gjoyNVW* (H 15')—Branches grow outward and downward. Four-year heads, on six foot standards, \$4.50.

9590 **English** *gityNSVW* (H 75')—A noble rapid-growing tree, forming a dense head. 6-8', \$3.25.

9592 **Moline** *gityNSVW* (H 75')—Columnar form. The older trees becoming more spreading. 6-8', \$3.00; 8-10', \$3.50.

HORSE CHESTNUT

9596 **White Flowering** *gityBSVW* (H 60')—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 7-8', \$4.00.

HAWTHORNE (Flowering) *gityBEVW*

9600 **Paul's Scarlet Double** (H 15')—Flowers deep crimson-scarlet; very double, followed by large red berries borne freely. 5-6' \$3.25; 7-8', \$4.50.

9598 **English** (Double Flowering) (15')—Large clusters of double white flowers appear in May. In late summer and fall the tree is aglow with many large bright red berries. 7-8', \$4.50.

GOLDEN RAIN TREE

9686 **Koelreuteria Paniculata** *hkytBNOVW* (H 25') —"Golden Rain Tree". Large golden clusters. 6-18', \$3.50.

LABURNUM *hityBVW*

9602 **Vossi** (Long Clustered Golden Chain)—Small tree with flowers of pure golden yellow formed like those of Wisteria. The long hanging clusters attain as much as eighteen inches in length. 5-6', \$3.50; 7-8', \$4.00.

LINDEN (*Tilia*) (H 60') *gityBESVW*

9604 **American**—Not available this season.

9605 **CORDATA** (Little Leaf Linden)—One of the finest shade and street trees. L. Cordata is very uniform in growth and has smaller leaves than either the American or European varieties. 7-8', \$3.75 each.

9606 **European**—Pyramidal shape, foliage similar to the American Linden; white flowers in June. 6-8' \$3.50; 8-10', \$4.50.

LOCUST (*Robina*)

9608 **Black Locust** (50')—A vigorous and persistent tree, planted widely for windbreaks. The fragrant white flowers hang in medium sized racemes. 6-8', \$2.50.

9616 **Thornless Honey Locust** *gkmyNSVW* (H-50') —Very small leaves, an ideal lawn tree. 6-8', \$2.50; 8-10', \$3.50; 10-12', \$4.50.

9618 **THORNLESS HONEY LOCUST MALE TREES** *gkmyNSVW* (H-50')—It has no seed pods. Its foliage is more abundantly produced and has a beautiful lustrous gloss. The cooling shade is light enough that lawn and flowers will grow beneath it. A male Thornless Honey Locust in your yard will bring increasing pride and comfort for many years. Price—6-8', \$3.75; 8-10' \$4.50; 10-12', \$6.00.



Linden, Cordata (Little Leaf)

MAPLE (Acer)

9624 **NORWAY** gjyAVW (H 60')—Few trees equal the symmetrical beauty of form of the Norway Maple. It is a thrifty, clean and hardy species adaptable to almost any soil or climate and will admirably endure the varied conditions of city life. The leaves are large and attractive, giving ample shade. An ideal street or yard tree. 6-8', \$2.75; 8-10', \$3.75; 10-12', \$4.75; 2-3 inch caliper heavy, \$8.00.

9625 **Purple Leaf Maple** (Pseudo-platanus Purpureum) (H 70') Similar in form to Norway but somewhat taller. The foliage has distinct purplish tones and is quite deeply veined. 8-10', \$4.50; 10-12', \$6.50.

9626 **Schwedleri** gjyANVW (H 60')—Red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green; in autumn, golden yellow. 6-8', \$4.50; 8-10', \$6.50.

9628 **Silver** gjyANVW (H 60')—A large tree, very fast growing. 8-10', \$3.50; 10-12', \$4.50; 1½-2" cal., \$5.75; 2-3" caliper, \$7.00.

MULBERRY *hjoyBNOVW*

9634 **Russian** (H 25')—A quick growing tree with large leaves. 5-6', \$1.75; 6-8', \$2.50; 8-10', \$3.00; 2-2½" caliper, \$6.50.

OLIVE

9638 **Russian** (Eleagnus Angustifolia) gjmptyBENVW (H 20')—Leaves silvery green. Very hardy. Vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 5-6', \$2.25.

PEACH (Amygdalus Persica)

Double Flowering hktyBNSUVW (H 15')

A flowering peach in bloom has the appearance of an immense bouquet of gorgeous double flowers.

9642 **Double Pink**

9644 **Double Red**

Either of above, 4-5', \$2.00; 5-6', \$2.50.

NUT TREES

BEAUTIFUL and FRUITFUL

9716 **Almond Northern** jk-AUW (H 20')—Exceptionally hardy and productive bearing soft shelled nuts of excellent quality. 3-4', \$1.25; 4-5' \$1.50; 5-6', \$1.75.

9720 **Almond, Utah, I. X. L.** jkAUW (H 20') — Not available this season.

9724 **Filbert, Barcelona** — This is the leading commercial variety and one of the best croppers, producing large, round nuts. It needs one or more pollinators for best results. 3-4', \$2.00.

9726 **Filbert, White Aveline**—Produces medium sized nuts of fine quality and is a fair bearer. Fine for pollinizing Barcelona. 3-4', \$2.00.

9728 **English Walnut**—Hardy strain. 5-6', \$4.75.

9732 **Walnut, Thomas Black** gjyAENVW (80') — Large nuts with large kernels which come out in halves. Has a distinctive walnut flavor. The tree is fast growing, upright, and begins bearing in five years. 3-4', \$2.50

9735 **Common Black Walnut**—A sturdy tree for woodlot or windbreak. 3-4', \$1.00; 5-6' \$1.50.



Norway Maple

PLANE ORIENTAL

9646 **London Plane** hjmoyNVWX (H 70')—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. 5-6', \$2.75; 6-8', \$3.25; 8-10', \$4.00.

POPLAR (Populus) *gjotyNOVW*

9650 **Bolleana** (H 60')—A tall columnar tree. Leaves silver.

9652 **Canadian** (H 60')—A sturdy rapid growing variety.

9654 **Carolina** (H 50')—Branching habit.

9656 **Lombardy** (H 80')—Grows narrow and columnar.

Each of above Poplars. 5-6', \$1.50; 6-8', \$2.00; 8-10', \$2.75.

PRUNUS (Flowering Cherries)

Charming small trees with branches completely covered with a mass of large flowers in May.

9660 **Kwanzan**—Double Pink hktyBUVW (H 25')—2-3', \$1.50; 3-4', \$2.00; 4-5', \$3.00; 6-8', \$3.75.

9662 **Mt. Fugii**—Double White hktyBUVW (H 25')—2-3', \$1.50; 3-4', \$2.00.

9664 **Japanese Weeping Cherry** hktyBUVW (H 20')—Not available this season.

PRUNUS FLOWERING PLUMS *hktyBNSUVW*

9672 **Newport** (H 15')—Not available this season.

9676 **Thundercloud**—Not available this season.

9678 **Triloba** (Double Flowering Plum) (H 10')—Before leaves appear, the tree is a mass of double, pink blossoms. May be grown in bush form. 2-3', \$1.00; 3-4' \$1.50.

SOPHORA (h 60')

9684 **JAPONICA** (Chinese Scholar Tree)—A symmetrical round-head tree with dark green glossy foliage giving a moderately dense shade. It is particularly desirable in the garden because of its long drooping cream-colored panicles which appear in late July when most other woody plants are out of bloom. They are especially effective against a background of Spruce or Pine. 6-8', \$3.75; 8-10', \$4.50.

WILLOW (Salix) *gntyANRVX*

9700 **Laurel Leaved Willow**—Not available this season.

9694 **Matsudana** (Hankow Willow) (H 35') Upright. 6-8', \$2.75; 8-10', \$3.75.

9696 **Pussy Willow** (H 12') 3-4', \$1.00; 6-8', \$1.50.

9690 **Weeping Babylonian Willow** (H. 30') 7-8', \$2.75; 8-10', \$3.75; 10-12', \$4.50.

9698 **Weeping Golden Willow** (H. 25') 7-8', \$2.75.

P.-W.'s FRUIT TREES

SHORT CROP—ORDERS WILL BE FILLED IN ROTATION

Assorted trees fewer than ten of one kind and size will take the "each" rate. Orders for ten or more trees of one kind and size will be supplied at the 10 to 40 rate. All Fruit Tree Prices are on page 64.

Apples *gkyBNX*

"The King of Fruits"—

"An Apple a Day Keeps the Doctor Away."



Red Delicious

SUMMER VARIETIES

- 9750 **Early Redbird**—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing-scarlet-red apples—almost twice the size of Early Transparent.
- 9752 **Red Astrachan**—Fruit large beautiful deep crimson yellow. Ripens July and August.
- 9754 **Red June**—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.
- 9757 **SUMMER DELICIOUS**—Apples of a size, shape, color and flavor similar to the popular Red Delicious are uncommon in July and August, the ripening time of Summer Delicious. For home and local market its sweet aromatic flavor will be sought after for pies as well as for eating out of hand.
- 9756 **Yellow Transparent**—One of the earliest, pale yellow when ripe; good quality. Ripens in July.

AUTUMN VARIETIES

- 9740 **Gravenstein**—Yellow, red, striped, very large. Ripens in September.
- 9746 **Wealthy**—Dark red, sub-acid. Trees bear very young.

WINTER VARIETIES

- 9760 **Cortland**—Similar to its parent McIntosh, but more uniform in size, and has more and brighter color.
- 9762 **DELICIOUS**—Solid red, most popular for eating, storing and shipping.
- 9764 **Delicious**—Yellow-gold. It bears young and heavily. The fruit is large, juicy. No other yellow apple is of better quality.
- 9766 **JONATHAN**—Solid red. Equal to Delicious in popularity. Very firm, richly flavored flesh.
- 9770 **Rhode Island Greening**—An old favorite for pies.
- 9772 **ROME BEAUTY**—Solid red. It is a brilliant red apple, large, tender, juicy. The tree is hardy and bears heavy crops every year.
- 9774 **Staymens Winesap**—Smooth, greenish-yellow, splashed and striped with red and purple.
- 9776 **Winter Pearmain**—Pale yellow; flesh yellow, juicy tender.
- 9780 **Winter Banana**—Flesh golden yellow; fine grained, juicy.

CRAB APPLES

- 9786 **Siberian**—Beautiful red. September. Highly esteemed for making jelly.

Apricots *hkyBUX*

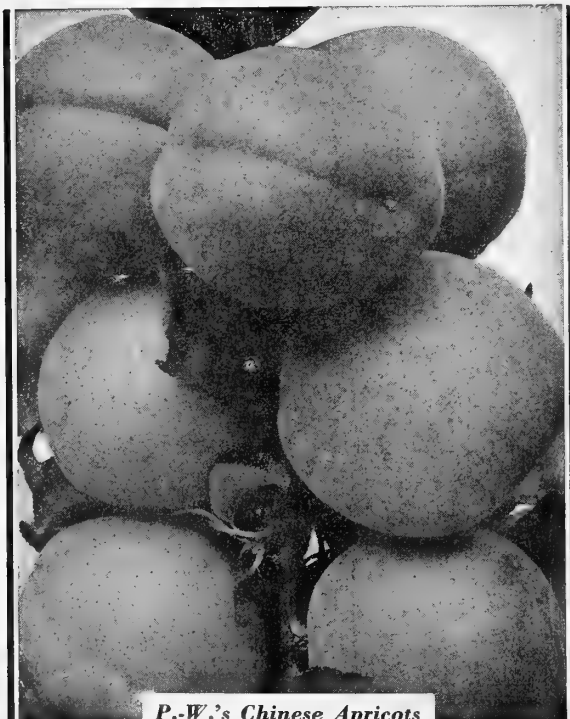
Apricots which have been grown for many years under the names of "Chinese," "Colorado," "Jones," "Large early Montgamant," and "Wilson," have been observed in the same experimental plot and proven to be identical.

- 9790 ***Chinese**—Large, round, deep orange-yellow fruits. Flesh is firm and the richest flavor. Late June.
- 9796 ***Moorpark**—Very large, light yellow, oval shaped fruit. The tree is slightly harder than Chinese. Late June.

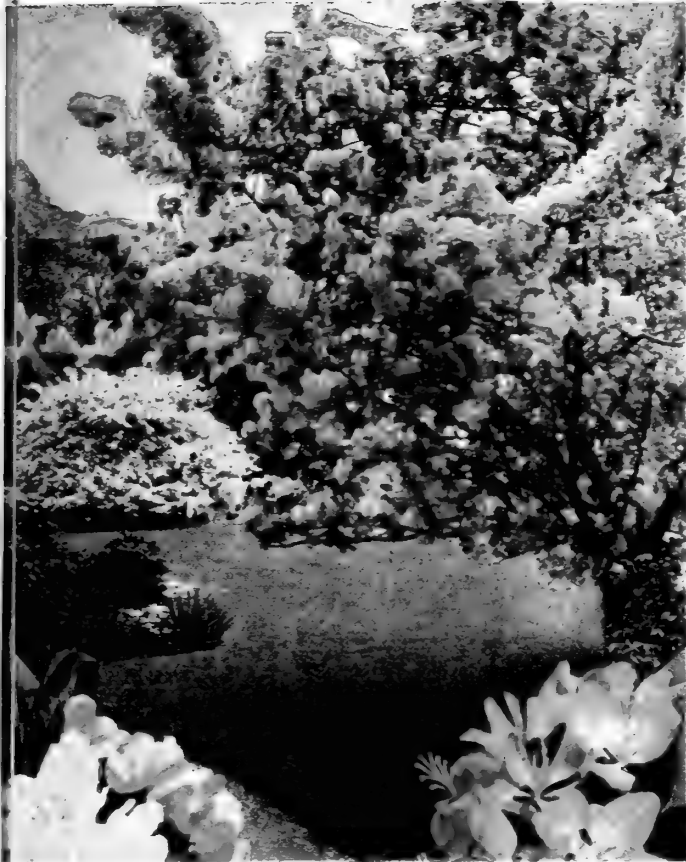
Luscious Pears *gkASX*

Plant about 20 ft. apart each way

- 9850 **BARTLETT**—Fruit, large, clear yellow, highly flavored; very Juicy. September.
- 9854 **Beurre D'Anjou**—Large, of vinous flavor; one of the leading Autumn varieties.
- 9857 **Flemish Beauty**—Medium to large fruits of clear yellow, with a brilliant red cheek. The tree is very hardy and productive; the fruit, ripening in late September & October, is of good quality for canning.
- 9856 **Keiffer's Hybrid**—Rarely ever blights. Fruit of fine size, rich color, and good quality. October and November.
- 9860 **PARRISH FAVORITE**—Large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights.
- 9866 **Winter Nellis**—A good winter variety of medium size.



P.-W.'s Chinese Apricots



Bring
"Apple Blossom Time"
To Your Garden
Plant

Flowering
Crab Apples

p 9574

HOPPI (upper right)

Upright habit. Average height 10 feet

p 9570

FLORIBUNDA (left center)

Spreading habit. Average height 12 feet

p 9578

SCHEIDECKERI (lower left)

Semi-double. Average height 15 feet

p 9576

RED SILVER (lower right)

Medium upright habit. Average height 12 feet

PRICES: 5-6', \$2.50; 6-8', \$3.00

Flowering
Cherry

p 9660

KWANZAN

Double Flowering
(pink)

You too, can enjoy "Cherry Blossom Time", the season to which thousands of gardeners look forward with excited anticipation, and remember long afterward for its rich enchanting glory.

The tree grows to medium size and in symmetrical upright form. The foliage is clean and deep green and the bark is dark and glossy, making a very attractive subject all summer.

PRICES: 2-3', \$1.50
 3-4', \$2.00; 4-5', \$3.00



Nutritious - Delicious *Fruits*

p 9920 (left)

PERFECTION CURRANTS

Three to five bushes will supply the average family.
3 for \$1.75; 10, \$5.25

p 9970 (See below No. 1)

LATHAM RASPBERRY

Twenty-five plants will make a 50-foot hedge row and produce many cups of berries.

10 for \$1.50; 25, \$3.00; 100, \$10.00

p 9958 (See right No. 2)

VAN BUREN GRAPE

Ripens three to four weeks earlier than Concord and is the same type and quality.
\$1.00 each; 10 for \$8.00

n 9800 (See right No. 3)

BING CHERRY

A medium early black cherry, popular for canning and for eating fresh.

7 16-9/16, \$1.50 each;
9 16-11/16, \$2.00;
Extra Large, \$2.50

n 9762 (See right No. 4)

DELICIOUS APPLE

(Solid Red)

Large, sweet and highly colored.

7 16-9/16, \$1.10 each;
9 16-11/16, \$1.25

n 9850 (See right No. 5)

BARTLETT PEAR

The favorite fruit of many; Bartlett is of unrivaled excellence.

7/16-9/16, \$1.25 each;
9/16-11/16, \$1.50

p 9912 (See right No. 6)

THORNLESS BOYSENBERRY

Berries 1 to 1 1/2 inches long, deep purplish black with a distinctive flavor.

Two-year transplants,
5 for \$2.15; 10 for \$4.00;
25, \$8.25; 100, \$30.00.

p 9990 (See right No. 7)

MARSHALL STRAWBERRY

The unequalled main-crop berry. Large, rich crimson with superb flavor.

25 for \$1.15, 100, \$3.00;
1000, \$20.00



Get your nutritious vitamins and minerals the pleasant, healthful way.

Eat plenty of
fresh, naturally
ripened fruit.

Fruit Trees continued

ALL FRUIT TREE PRICES ARE ON PAGE 64

Sweet Cherries *hjBUX*

Plant 30 feet apart; 49 per acre.

- 9800 ***BING**—About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.
- 9802 ***LAMBERT**—This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart-shaped, firm flesh and a rich, sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens in July.
- 9804 ***Black Tartarian**—Large, purplish-black, sweet. Ripens first of July. Plant with Bing or Lambert for pollenization.
- 9806 ***Napoleon**—Very large, pale yellow, red cheek. June.
- 9808 ***Windsor**—Fruit large; heavy bearer; beautiful dark color, almost black. Good pollinizer for Bing or Lambert.

SOUR CHERRIES *gjBUX*

Plant 20 feet apart each way; 108 per acre.

- 9810 ***ROYAL DUKE**—Fruit dark red; juicy and rich. June.
- 9812 **MONTMORENCY**—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

9214 HANSEN'S BUSH CHERRIES

Since the introduction of these new fruits they have become widely planted. Hardy, easy to grow, and early bearing, they adapt themselves to even the coldest climates. The fruit is good to eat fresh and will make the most delicious preserves. Plant them 3-4 feet apart in rows 6 feet apart for fruit production. When used as ornamental shrubs they are beautiful as specimens, groups or hedges. 2-3', 75c each.



Part of a truck-load of Lamberts leaving the orchard

NECTARINES *hkBNX*

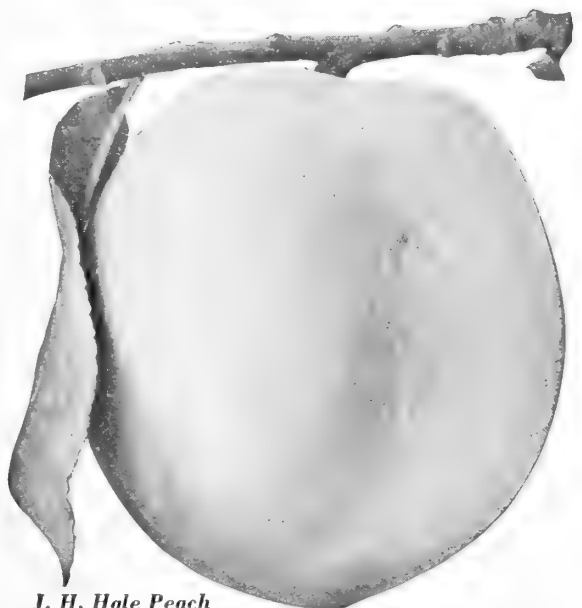
The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is remindful of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

- 9816 ***John Rivers**—The hardiest Nectarine. Attractive size, red cheek and luscious green flesh.

Peaches *hkBUX*

Plant 20-25 feet each way; 70-108 per acre.

- 9820 ***Alexander**—Handsome, crimson. Ripens about July 24.
- 9824 ***Crawford's Early**—A delicious yellow fleshed freestone peach. Ripens in August.
- 9826 ***Elberta**—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shippers. Freestone.
- 9828 ***Early Elberta**—About ten days earlier than regular Elberta, otherwise similar.
- 9834 ***J. H. Hale**—Large orange-yellow; considered by many superior to Elberta. Freestone.
- 9836 ***Halehaven**—Large reddish yellow, a cross between J. H. Hale and South Haven, combining the good qualities of each. Ripens 17 days before Elberta.
- 9840 ***Orange Cling**—Very large; yellow with dark crimson cheek; flesh golden yellow.
- 9842 ***May Flower**—The earliest peach on the market; red all over; flavor excellent. Freestone.
- 9844 ***Rochester**—It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, freestone. Buds hardier than most yellow-fleshed peaches. Ripens over a long season.



J. H. Hale Peach

(Right)
An
Italian
Prune
Tree
at
Harvest
Time



PLUMS and PRUNES *gktBNX*

Plant about 20 feet apart each way, 108 trees per acre.

9871 ***Damson**—Medium dark blue; flesh amber; good preserver.

9870 ***Duarte**—A rich blood-fleshed plum; similar to Satsuma. Tests show this tree is hardier and more productive.

9873 ***Elephant Heart**—A huge, heart-shaped freestone plum with blood-red flesh and luscious flavor. Early September.

9872 ***Formosa**—Early, large, heart-shaped cherry-red as it ripens, sweet and delicious. Early July.

9874 ***Green Gage**—Large pale green fruits, rich flavored and juicy.

9878—**Opatá**—Medium size, freestone, purplish red plum, flesh green, of pleasing spicy flavor. Young bearer, very hardy. July.

9882 ***Peach (Jefferson)**—Large, red, fine quality plum with yellow flesh. Recommended for the home orchard. Early July.

9884 **Pottawatamie**—Excellent small plum for preserving.

9886 ***Santa Rosa**—One of the leading shippers. Good size, purplish red. Flesh reddish in color, juicy and delicious. Late July.

9890 **Satsuma**—A fine, large purplish crimson; pit small. Delicious flavor. July.

9898 ***ITALIAN FLEMBURG PRUNE**—Large, oval, dark purple; flesh greenish yellow; separates freely from stone; best for drying. August-September. Best commercial sort, "Italian" is on peach root.

QUANTITY PRICE SCHEDULE

for

P.-W.'s Ornamental
Trees, Shrubs, Ever-
Greens, Vines, Per-
ennial Plants and
Shrubs

Where each price is	Per Ten Rate is
\$.25	\$ 2.25
.30	2.70
.35	3.25
.40	3.60
.45	4.00
.50	4.50
.55	5.00
.60	5.50
.65	5.75
.70	6.25
.75	6.75
.80	7.50
.85	8.00
.90	8.50
.95	9.00
1.00	9.50
1.25	11.25
1.50	13.50
1.75	15.75
2.00	18.00
2.25	20.00
2.50	22.50
2.75	24.75
3.00	27.00
3.25	29.25
3.50	31.50
3.75	33.75
4.00	36.00
4.25	38.25
4.50	40.50
4.75	42.75
5.00	45.00
5.50	50.00

ALL FRUIT TREE PRICES

f. o. b Salt Lake City

	Height	Inches Caliper	Each	10-40
APPLES	Com'l. Orchard 3-4 ft.	7/16- 9/16	1.10	1.00
PEACHES, PLUMS AND PRUNES	Home Orchard 4-5 ft.	9/16-11/16	\$1.25	\$1.15
	Com'l Orchard 3-4 ft.	7/16- 9/16	1.10	1.00
	Extra 5-6 ft.	11/16- 7/ 8	1.75	
APRICOT, NECTARINES AND PEARS	Home Orchard 4-5 ft.	9/16-11/16	\$1.50	\$1.35
	Com'l Orchard 3-4 ft.	7/16- 9/16	1.25	1.15
	Extra Size 5-6 ft.	11/16- 7/ 8	2.00	
CHERRY VARIETIES	Home Orchard 4-5 ft.	9/16-11/16	\$2.00	\$1.80
	Com'l Orchard 3-4 ft.	7/16- 9/16	1.50	1.35
	Extra Size 5-6 ft.	11/16- 7/ 8	2.50	

DWARF FRUIT TREES

This class of fruit trees has been developed and grown particularly for the home yard or small orchard. They come into bearing earlier and produce excellent crops.

9868 Red Delicious—

9869 Dwarf Bartlett—

Either—2-year-old trees.

Price, \$3.00 each; 10 for \$25.00.

Small Fruit Plants

A Small Cost for Big Savings



New Boysenberry

BLACKBERRIES *gkxN*

- 9900 **Early Harvest** — Berries uniform, glossy black, very early.
 9906 **Lucretia Dewberries**—Fruit very large, superb quality. Price—5 for 95c; 10 for \$1.45; 50, \$6.00; 100, \$11.00.

CURRANTS *gkNW*

- 9920 **PERFECTION**—Large, bright red; most popular new variety. Price—Large 2-year-old roots, 3 for \$1.75; 10, \$5.25; 100, \$40.00.

GOOSEBERRIES *gkNW*

- 9930 **Champion**—Medium size red fruits. Good yielder.
 9934 **Haughton**—Good quality fruits either green or ripe. Medium size and pale red when ripe.
 Either of above, 75c each.

RASPBERRIES (Red Varieties) *gkNX*

- 9970 **Latham**—This remarkable and very desirable variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red. 10 for \$1.50; 25, 3.00; 100, \$10.00.
 9974 **P.-W.'s Colossus Everbearing**—The finest red everbearing raspberry. The fruits are very large, firm, and of excellent flavor and color making them particularly valuable for table use, for canning and for frozen food locker storage. Commercial growers show good profits with Colossus.
 9976 **INDIAN SUMMER**—Another everbearing Raspberry of superior quality. The fruits are large, roundish-conic, medium red and excellent flavor. The vigorous plants (above medium height) bear heavy crops; the first ripening soon after the June varieties and the second, beginning in September and continuing until sever frost. Especially recommended for the home garden.
 9978 **Taylor**—The most promising new red variety. Hardy, vigorous, tall, and very productive. The fruits are large, oblong, bright red and ripen a little earlier than Latham. Price, all Red Raspberries except Latham: 10 for \$2.25; 25, \$4.25; 100, \$15.00.

BLACK & PURPLE RASPBERRIES

- 9980 **Bristol (Black)**—The berries are large, firm, fairly glossy and of excellent quality, ripening 3 or 4 days earlier than Cumberland.
 9984 **Sodus (Purple)**—New and very promising. The plants are very vigorous, very productive, hardy, drought resistant and yield a good crop every year. The fruits, which ripen shortly after Latham are very large, firm, medium purple in color, sprightly and good in quality. Either: 10 for \$1.90; 25, \$4.15; 100, \$12.50.

BOYSENBERRY *ikV*

9910 **BOYSENBERRY (Regular)**—The Greatest Vine Berry Yet Developed—"From an acre of Boysenberries 11,500 lbs. were produced." It has a distinctive luscious flavor of its own. Plant 6 feet apart each way. 2-year transplants (bearing age). Price—5 for \$1.50; 10 for \$2.75; 25 for \$5.50; 100 for \$20.00.

9912 **Boysenberry Thornless**—Same high quality as the above. On thornless vines. 2-year transplants: 5 for \$2.15; 10 for \$4.00; 25 for \$8.25; 100 for \$30.00.

STRAWBERRIES *gkV*

All Strawberry plants will be sent either Parcel Post or Express, according to quantity. Put up uniformly in bunches, 25 plants each.

- 9990 **Marshall**—As a large berry for home use, it is peerless. The color is a rich, glossy crimson. 25 plants, \$1.00; 100, \$3.00; 1000, \$20.00.
 9992 **Mastodon Everbearing**—Large luscious and deep red. 25 plants, \$1.35; 100, \$4.00; 1000, \$30.00.
 9997 **UTAH CENTENNIAL**—This strawberry is such an outstanding new variety that we have illustrated it in full color on our front cover. Photographic and printing processes, however, cannot reproduce its true character—its superior size and color, and particularly its amazing productivity and wonderful flavor. Not until you have grown and eaten the fruit will you fully realize the superiority of Utah Centennial. Price: 25 plants, \$2.65; 100, \$7.50; 1000, \$50.00.

GRAPES

Hardy American *gmtxNW*

- 9940 **Caco**—Best hardy red grape. Large, juicy and delicious.
 9942 **Concord**—Deep purple. Most popular for jelly or grape juice.
 9943 **Concord Seedless**—Fruits resemble concord in color and flavor, but are seedless and slightly smaller. Fine for home use. Each \$1.00; 10 for \$8.00.
 9944 **Fredonia**—Leading black grape. Ripens very early. Large, juicy, delicious; very productive and hardy.
 9948 **Golden Muscat**—Rich golden in color, with the fine aroma of the European Muscat. The vine is vigorous, productive with very large clusters and berries. The fruit is tender, sweet, juicy and aromatic; ripens ten days later than concord. \$1.00 each; 10 for \$8.00.
 9953 **PORTLAND**—This new early white grape has risen to first place in its class. The vine is very hardy, vigorous and productive; remarkable for its luxuriant and persistent foliage. The bunches and berries are larger than those of any other early green grape.
 9956 **Seneca**—This remarkable development is a green California type grape on a hardy vine. The firm meaty flesh of superlative quality keeps well either on the vine or off. A real treat for grape lovers. Ripens three weeks before Concord. \$1.00 each; 10 for \$8.00.
 9958 **Van Buren**—Ideal where the growing season is too short for Concord. It ripens a month earlier. The fruit is of the Concord type and equal to it in quality. \$1.00 each; 10 for \$8.00.

GRAPES, EUROPEAN VARIETIES *imtxNW*

- 9960 **Black Malvoice**—Berries large, oblong, reddish black, juicy.
 9962 **Flame Tokay**—Large, sweet, red.
 9964 **Muscat**—Large, light colored raisin and wine grape.
 9966 **Thompson's Seedless**—Popular seedless raisin grape.
 Prices, all Grapes except where noted—2-year stock, each, 45c; 10, 4.00; 50, \$15.00; 100, \$26.00.

● HYBRID FIELD CORN ●

Sow in drills 3 feet apart, using approximately 15 pounds of seed per acre.

FOR GREATER YIELDS ON FEWER ACRES WITH LESS HELP

Hybrids are superior because of their resistance to drouth, uniformity of growth, stiffness of stalks and increased yields, amounting to as much as 25%.

2502 PORT-WALCO HYBRID NO. 100

The New Leader

Without a peer in a Medium Maturing Hybrid for the particular Farmer. It matures grain in about 110 days and is the most outstanding of the many new Hybrids tested by us last year. We are so impressed with its performance that we safely predict it will out strip in every way, even the remarkable performance of the now well known Hybrid U. S. 52. It is a prodigious yielder of good solid corn under a wide range of soils and climatic conditions. The ears are long and thick with very little taper which makes for a large yield in grain. It is a strong and vigorous grower, producing tall succulent stocks. Then too, the ears are set at a good height so there is little or no stalk breakage. You will be liberally rewarded for planting a good acreage of this splendid new variety.

2506 Ohio M15—Our Early Hybrid

A special boon for higher elevations and shorter season areas. It's a heavy yielder and the earliest of the Ohio Hybrids, maturing in 90 to 95 days, producing an abundance of medium sized, deep grained ears, and a wealth of fodder. We believe this is one of the best early producing hybrids on the market today.

2505 PORT-WALCO HYBRID NO. 90

The newly proven leader in the 90-day maturity class. The dark green colored plants of this high yielding early hybrid retain their rich color even after the ears are well matured. This condition makes possible a feed of greatest nutritive value, having at the same time the advantage of higher palatability. The ears are medium size and thick, with deep kernels. Our tests of No. 90 prove it to be the heaviest grain and fodder yielding variety among those of the same maturity date.

2507 PORT-WALCO HYBRID NO. 120

The outstanding silage variety, maturing in from 110 to 120 days. Not only is it the heaviest fodder producer in our hybrid list, but it produces an equally good grain crop. Its short shanks permit easy harvesting and handling for silage purposes. The plants of No. 120 are rich dark green, retaining their color until after the ears are well matured. As silage, it possesses both higher food value and higher palatability. We recommend No. 120 as superior to U. S. 52 for silage.

STANDARD OPEN POLLINATED CORNS

2510 **Australian White Flint**—Heaviest yielding of the Flints, and one of the earliest, maturing in about 75 days. Stalks of medium height bear large 12 row ears.

2512 **Minnesota No. 13**—The leading all-around open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

2518 **Pride of the North**—Matures in 80 to 90 days. A tall-growing Yellow Dent with luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

FIELD SEED PRICES

Prices on all field seeds are quoted on page 72. Since the market changes rapidly on Field Seeds, the prices quoted herein are subject to change without notice. All quotations are f.o.b. Salt Lake City, Utah.



Hybrid Corn

2520 **Improved Leaming**—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

Arasan has now superceded all formerly used Chemicals for the control of smut and other diseases of corn. When used as directed it will reduce seed decay and damping off caused by seed-borne and soil-borne fungi and bacteria. An outstanding advantage is that it's tendency to injure the seed is much less than that of older treatments. Arasan is easily, quickly, and economically applied. On large seeds such as corn, 2 ounces of Arasan will treat 100 pounds of seed. Prices: 1 oz., 16c; 8 oz. can, 80c; 4 lb. can, \$5.16.

SEED GRAIN

ALL FIELD SEED PRICES ARE ON PAGE 72

Barley

2521 Improved Club (certified)—A hardy type released by the Utah State Agricultural College. Large yields are produced in this area. Crops of 115 bushel per acre have been produced from Spring sowings under irrigations. Club threshes out easier than Velvon. Heads bear six rows of kernels on a stiff straw.

2522 Trebi—An excellent feed variety, recommended for the lands of the Rocky Mountain area, heavy yielder. Where grown under irrigation, it qualifies as a malt barley.

2524 Velvon (certified)—A hardy type released for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as feed. Velvon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties.

Oats

2530 Swedish Select—The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed.

Small Grains & Forage Crops

Millet

2890 Early Fortune or Red Hog—This seed is of a shiny reddish brown. The heads are compact. It is ready to harvest in 50 to 60 days.

2892 Golden or German—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality.

2894 Yellow Hog—This is the most popular of the Proso type Millets, very valuable for late planting and as an emergency crop after others have failed. Hog Millet is mainly a grain crop; but has the advantage of the grain ripening while the stems are still green, which if cut at the proper time can be threshed for grain while the hay is of a good quality for feeding purposes.

Dry Land Grain Sorghums

2920 60-Day Milo—Is a Sorghum similar to Kaffir Corn. Grows erect with thick, close-jointed stalks 4 to 9 feet tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

Sweet Sorghums

2924 Atlas Sorgo—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.

2928 Black Amber Cane—80 to 100 days. Is the best known Sorgo and in many sections is the favorite because it is the earliest.

Sunflower

2930 Grey Stripe—A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Cultivate and handle similar to corn. Plant 5 to 6 lbs. per acre.

Rape

2900 Dwarf Essex—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is a need for an extra thick growing green forage crop for use any time during the fall, winter, and spring, and our Dwarf Essex Rape fills that need exactly.



A Field of Swedish Select Oats

Spring Wheat

2550 Dicklow—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. It has out-yielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour.

2552 Federation—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. It has replaced almost all other spring varieties.

2554 Lemhi—A variety which is rapidly replacing Dicklow. Its superiority is due to the fact that it has the milling quality of Dicklow combined with the stiff straw and high yielding ability of Federation. Lemhi will not lodge nor shatter as easily as other Spring Wheats.



A Field of Lemhi Wheat

CLOVER FOR MEADOWS AND PASTURES

2600 Alsike—Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as a hay crop by itself. It does not winter-kill. The use of Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient. **Does best on damp soils**—used in pasture mixture with grasses.

2610 Hubam Clover (Richest honey producing clover)—This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop or for green manure. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

2620 Ladino Clover is regarded as a large form of the common White Dutch Clover and like the latter is a long-lived perennial. Its growth, however, is larger and more luxuriant. When the leaf growth has been grazed off, new leaves develop quickly, complete recovery occurring in 17 to 28 days. It is strictly a crop for irrigation. Sow in Fall or Spring at the rate of 7 to 8 lbs. per acre.

2630 Medium Red (Trifolium Pratense)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or Fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop. It is replacing alfalfa in heavy wilt-infested areas.

2640 Strawberry Clover (Tall Variety)—It is similar to Ladino but has proved to be much hardier. The flower resembles White Dutch Clover, but is pink. The foliage is similar to White Clover, having creeping runners, strawberry fashion, establishing new plants wherever the nodes contact the soil. **It has proved particularly adaptable to alkaline and wet soils.** Several observations have been made of this clover growing in fields of salt grass pasture. It is much in demand as a pasture crop because of its palatability. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow 4-6 pounds per acre.

2650 White Dutch Clover—Is a long-lived perennial legume, spreading by creeping stems that root at the nodes. When grown in mixtures with grass it increases the carrying capacity of the pasture and provides a nutritious acid palatable feed. White Clover, like all other clovers, thrives best under cool moist growing conditions.

Extra Values From Pastures

Pasture forage is not only the cheapest and best roughage for efficiency of milk production, but it also gives to milk certain additional qualities. Milk produced on pasture herbage is especially high in vitamins A, C and E. This milk also has a more favorable balance between its basic and acid salts. The highest score butter is made during the pasture season and cheese made from milk produced on pasture is likewise superior.

The finer flavor and aroma producing bacteria are stimulated in growth by the food elements supplied by green forage.



A well-managed pasture for dairy cows.

SWEET CLOVER

2660 White Blossom (Melilotus Alba)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow 10 to 14 pounds per acre. It is often used for a green manure crop because of its quick prolific growth.

2666 Yellow Blossom (Melilotus Officialis)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.

OTHER HAY & COVER CROPS

Field Peas

2880 Canadian Field—They enrich the soil and are splendid stock feed. For hay, they should be cut while the milk is in the vine forming the pod. Plant early in the spring at the rate of 100-120 pounds per acre or 60 pounds with a nurse crop of Oats or Spring Rye.

Soy Beans

2910 Manchu—It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. Excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre. Manchu is a robust grower of vines which stand up well and are easily cut with corn or grain binder. This variety matures in about 100 days.

Vetch

2940 Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively for orchardists as a cover and green manure crop. Sow 60-80 pounds per acre.

Inoculate all Legume Seeds with

NITRAGIN

1898 — Nearly A Half Century of Service — 1947

When ordering, Always state name of seed.

4130 ALFALFA Group A

Sweet, Bur, Hubam Clovers

Package Inoculates	Retail
1 bu.	each \$.50
2½ bu.	each 1.00

4132 CLOVERS Group B

Medium & Mammoth Red, Alsike, Crimson & White

1 bu.	each \$.50
2½ bu.	each 1.00

4134 PEAS, VETCHES Group C (All Varieties)

100 lb. size (Inoculates up to 100 lbs.)	ea. \$.50
1200 lb. size (12-100 lb. cans)	ea. 5.70

4136 SOYBEANS Group S

Small, (Introduces up to 120 lbs. seed)	\$.30
5 bu. each .....	.55
25 bu. each	2.50

4138 BEANS Group D

Navy, Pinto, Wax, String, Kidney and Great Northern
1 bu. each: \$.35

4140 GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans. Enough for 8 pounds seed—Retail Price 10c each.

ALFALFA (LUCERNE) — Wonder Crop of the West ●



Hardy Desert Alfalfa

2560 Hardy Desert—This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." Its roots pierce the soil until moisture is reached, even a depth of twenty or thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation, it is a prodigious yielder. Very desirable, also, as a rotation crop since it supplies the much-needed nitrogen and humus. Sow 10 to 15 pounds per acre.

2570 Utah Pioneer—Placed under certification in 1938. It was selected from two parent fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

2580 Grimm—This variety is especially recommended for shallow soils, those underlaid with hardpan, or where the water table is near the surface. The stems and leaves are of somewhat finer and leafier quality than common Alfalfa. It is susceptible to bacterial wilt and is not recommended for areas of severe infestation.

2590 Ladak—Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardiness. It has also shown marked resistance to bacterial wilt. Ladak makes an exceptionally heavy first and second crop but little third.

2575 Argentine—Imported seed from South America similar to the common Utah strain.

See page 72 for prices

BETTER PASTURES FEED MORE CATTLE

IS YOUR PASTURE EARNING \$200 PER ACRE?

You can increase the production of the average pasture 100% by application of the following U.S.D.A. pasture management rules.

1. Fall plow land and work down in spring in firm, moist condition.
2. Use only clean seed of high germination.
3. Sow the seed to a depth of $\frac{1}{2}$ to $\frac{3}{4}$ inches (drilling is preferred).
4. It is safer not to use a nurse crop. If one is used, we recommend Barley at 40 to 50 pounds per acre.
5. Keep young plants well irrigated.
6. Do not graze the first year until mid-July or later.
7. Avoid over-grazing by dividing pasture land into several practical sections and follow a rotation system of grazing.
8. Pastures should be fertilized with 100 to 150 pounds of phosphate per acre every other year and 10 tons of manure per acre every third year.
9. Pastures should be harrowed both ways in early spring and late fall when droppings are soaked to prevent bunching of unpalatable forage the next year.
10. When bunches of unpalatable forage and weeds appear, pastures should be clipped with a mower.
11. Properly irrigated pastures need not consume more water than other irrigated crops.

NEW PASTURE MIXTURES

Formulated for HIGHER PALATABILITY
MAINTAINED PRODUCTIVITY
WIDE SOIL ADAPTABILITY

2670 Mixture A.—For well-drained irrigated land, or damp fertile soil.

Smooth Brome grass	7
Orchard grass	5
Red Clover	3
Tall Meadow Oat	3
White Dutch Clover	2
Alsike clover	2
Total per acre	22 lbs.

2676 Mixture B.—For Alkaline and wet soils.

Red Top grass	3
Strawberry clover	2
Reed canary grass	4
White sweet clover	3
Meadow fescue	4
Smooth Brome grass	4
Total per acre	20 lbs.

PASTURE PALATABILITY

The most recent trend of study and experimentation with dairy pastures has made possible the classification of various grasses and legumes according to their palatability.

Close observations of 36 different mixtures in one field, revealed which species were most readily grazed. A very important fact is that as soon as the most palatable forage was entirely consumed milk production declined, even though quantities of highly productive but less palatable grasses and legumes were still available.

Our new pasture mixtures are designed to produce more palatable forage and thereby maintain milk production at a more constant level.

Highest yields of forage as well as of milk are produced on pastures where a rotation system of grazing is followed.

For Range, Meadow and Pasture

2700 Mountain Brome (*Bromus Marginatus*)

This stout perennial bunch grass is very common between the altitudes of about 5,000 and 10,000 feet. It has a very wide range of soil adaptations, varying from fairly moist loamy soils, where the best growth is made, to fairly dry, gravelly soils. Mountain Brome Grass, when young, is grazed closely by all classes of livestock. Where it can be cut for hay, it makes a very fine feed for horses and cattle.

It is an exceptional grass for the reclamation of land inaccessible to farm machinery, as good stands may be obtained by broadcasting on areas where seedbed preparation is not possible. Sow either Spring or Fall at the rate of 10 to 20 pounds per acre.

2710 Smooth Brome Grass (*Bromus Inermis*)

Smooth Brome is one of the outstanding grasses for the Intermountain area, being well adapted to arid regions where rainfall is relatively low. It is the most palatable of all the important grasses, even surpassing the well-known Kentucky Blue Grass in this respect. Smooth Brome is a long-lived perennial with numerous creeping root stalks which form a dense heavy sod, making it capable of standing much abuse as a pasture grass. Brome thrives especially well on a rich, loamy soil; but in the wild state it grows in dry, gravelly soils, or even in pure sand. Recent experiments have shown it to succeed in alkali soils.

The stems attain a height of from two to three feet. Two cuttings of hay are generally obtained in a season, yields ranging from one to four tons per acre. After the third or fourth year Brome often becomes sod bound. This condition may be overcome by discing or shallow plowing. Brome can be sown either in Spring or Fall, preferably on a well prepared, firm seedbed at the rate of 10 to 20 pounds per acre. Drilling is preferable to broadcasting wherever possible.

2740 Meadow Fescue

An excellent grass for pasturage when planted alone or in combination with other grasses and clovers. It is a tufted, deep rooted, long-lived perennial, growing to a height of 15 to 30 inches. The leaves are bright green and very succulent, supplying palatable forage from early spring until in the late fall. Yields average two tons per acre. Sow in the Spring or Fall at the rate of 20 to 30 pounds per acre.

2750 Orchard Grass (*Dactylis glomerata*)

This very early pasture grass, furnishes feed at least three weeks before most other grasses. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and give splendid pasture until late in the Fall. Withstands drought and is very hardy. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

2780 Crested Wheat Grass (*Agropyron cristatum*)

Not available this season.

About Prices

All field seed prices are quoted on Page 72.

The prices quoted herein are subject to market changes. You are safe, however, in sending remittance according to these prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified for your confirmation before shipment is made.



Reed Canary Grass

2840 Reed Canary Grass (*Phalaris arundinacea*)

This is a valuable high-yielding forage plant which is naturally adapted to grow on low wet lands as a permanent source of high quality hay and good pasturage. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre broadcast, and in drill, 2-3 pounds per acre in 16 to 18 inch rows.

2760 Perennial Rye Grass

Perennial Rye is a most desirable grass for pastures, its chief value being as an ingredient for permanent pasture mixtures. It forms a close, heavy sod and recovers quickly after being grazed. The value of this grass on alkali soils cannot be over-emphasized. Perennial rye attains a height of 1½ to 2 feet, the blades are narrow. It is a rapid grower, establishing itself very quickly. The hay should be cut in the full bloom stage. When seeded alone, sow at the rate of 20 to 25 pounds per acre in a well prepared, firm seedbed.

2770 Poa Bulbosa (Bulbous Bluegrass)

A perennial grass which is one of the earliest available for pasturage. It makes excellent pasture either alone or when sown with alfalfa. It is often used to thicken up thin alfalfa stands, and when cut before it is too old, makes an excellent hay. This grass is relished by all kinds of livestock and has proven to be a very valuable feed for range cattle, sheep, horses, and other livestock.

Seed •

Critically Grown Seed of Highest Germination



The above snapshot shows a section of the ranch producing our Mountain Brome Grass Seed. Important is the row cultivation which insures weed-free seed of finest quality.

ASK FOR P.-W.'s FREE BULLETIN ON FARM AND FORAGE SEEDS—This contains authentic, dependable information on the value and adaptability of the various Farm and Range Clovers and Grasses, together with the planting and cultural directions.

2850 Tall Meadow Oat Grass

Tall Meadow Oat is a long-lived, deep-rooted and drouth-resistant perennial grass. It produces an abundance of very palatable forage. Recent pasture grass experiments conducted by U.S.A.C. at Logan prove this grass to be one of the most desirable from the standpoint of productivity and palatability; comparing very favorably with Smooth Brome. Tall Meadow Oat Grass gives best results for pasture when sown in a mixture with other grasses and clover. It stands grazing well, furnishing an abundance of early spring and pasturage and remains productive until late autumn.

2860 Timothy

Of hay grasses, Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

2870 Western Alkali Grass

This grass will produce an excellent crop of hay or furnish an abundance of palatable forage on alkali ground that will produce no other crop. It will withstand an unlimited amount of water in the spring and successfully withstands drouth during the summer. Western Alkali Grass is a perennial and does not freeze during the winter, making available forage at all times. Seeding may be done from September until early spring. Most successful stands are obtained by broadcasting upon the snow at the rate of 2 pounds per acre.

2810 Slender Wheat Grass

This is a native North American bunch grass, which has proved very valuable under cultivation. It is a bunch forming variety, being better adapted to range land than meadows; however, recent tests are proving its value as a



New Sweet Sudan Grass

grass for alkali soils. It is recommended for pastures in canyons or flats, succeeding exceptionally well at high elevations. It grows in dry, arid sections, producing numerous slender, erect stems, two to four feet high, with narrow flat leaves. Sow either Fall or Spring at the rate of 5 to 15 pounds per acre.

2820 Western Wheat Grass (Agropyron Smithi)

Not available this Season.

2934 Sudan Grass (Common)

Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

2935 New Sweet Sudan Grass

This new variety is a development resulting from several years breeding work by the Texas Agricultural Experiment Station in cooperation with the Bureau of Plant Industry, U. S. Department of Agriculture. It is sweet, juicy and more palatable to livestock. This was demonstrated consistently during the years the breeding and selection were progressing. When planted side by side with Common Sudan, the cattle kept the Sweet Sudan grazed to the ground, while the Common Sudan was grazed down to the height of about one foot. In all cases the Sweet Sudan was eaten first. Sweet Sudan is later in maturity than common Sudan thereby producing more vegetative growth and remaining green and growing longer than the common. After the crop reaches maturity the stalks and stems are still eaten readily. Sweet Sudan has more and broader leaves; heavier and taller stalks and stools much heavier than Common Sudan.

2830 Red Top

A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

ALL FIELD SEED PRICES

For less than 10 pounds add 1c per pound to the 10-pound rate.

GRASS SEEDS—Pasture & Dryland

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2710 Brome Grass .....	.29½	.28½	\$27.75
2700 Mountain Brome Grass .....	.29½	.28½	27.75
2740 Meadow Fescue, Fancy .....	.44	.43	42.25
2750 Orchard Grass, Fancy .....	.29½	.28½	27.75
2770 Poa Bulbosa, Fancy .....	.18½	.17½	16.70
2840 Reed Canary Grass .....	.79½	.78½	77.75
2830 Red Top, 92% Pure .....	.31½	.30½	29.45
2760 Rye Grass, Perennial, Blue Tag .....	.31	.30	29.00
2810 Slender Wheat Grass .....	.24	.23	22.25
2934 Sudan Grass, Fancy .....	.15	.14	13.00
2935 New Sweet Sudan Grass .....	.23	.22	21.00
2850 Tall Meadow Oat Grass .....	.58½	.57½	56.75
2860 Timothy, 99.50% Pure .....	.16	.15	14.00
2870 Western Alkali Grass .....	.68½	.67½	66.65

ALFALFA SEED

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2575 Argentine, 99.50% Pure .....	.43	.42	\$41.00
2560 Utah Hardy Desert, Extra Fancy .....	.53	.52	51.00
2563 Utah Hardy Desert, Fancy .....	.52	.51	50.00
2580 Grimm	*		
2590 Ladak	*		
2570 Utah Pioneer	*		

CLOVERS

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2600 Alsike, 98% Pure .....	.54	.53	\$ 52.25
2610 Hubam Clover, Annual .....	.28½	.27½	26.75
2620 Ladino Clover	1.77	1.76	175.00
2630 Red Clover, Medium .....	.63	.62	61.00
2640 Strawberry Clover	1.96½	1.95½	194.50
2660 Sweet White Blossom, Premium Grade .....	.21½	.20½	19.45
2666 Sweet Yellow Blossom .....	.21	.20	18.90
2650 White Dutch Clover .....	.96½	.95½	94.50

P.-W.'s PASTURE MIXTURES

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2670 (A) For Well Drained Irrigated Land or Damp Fertile Soils .....	.48	.47	\$46.00
2676 (B) For Alkaline and Wet Soils .....	.60	.59	58.00

* Write—Unstable market conditions on the field seed items marked * make it impossible for us to quote definite prices at this time. All orders for these varieties will be calculated at prevailing market prices the date the order is received.

GRAINS (SEED STOCK)

	Bag Lots per 100 lbs.	Ton Lots per 100 lbs.
2521 Barley, Improved Club	*	
2522 Barley, Trebi, Certified	5.40	5.15
2524 Barley, Velvon, Certified	5.40	5.15
2530 Oats, Swedish Select, Certified	5.75	5.50
2550 Wheat, Dicklow, Certified	5.50	5.25
2552 Wheat, Federation, Certified	5.50	5.25
2554 Wheat, Lemhi, Certified	5.50	5.25

FIELD CORN HYBRIDS

	10-24 lbs. per lb.	25-55 lbs. per lb.	1-9 bushel per bushel	10 Bu. Up per bushel
2506 Ohio M 15		*		
2505 Port-Walco No. 90		*		
2502 Port-Walco No. 100 .....	.20	.19	10.00	9.75
2507 Port-Walco No. 120 .....	.20	.19	10.30	10.05

FIELD CORN (Open Pollinated)

	10-24 lbs. per lb.	25-99 lbs. per lb.	100-900 lbs. per 100 lbs.	10 bags and over per 100 lbs.
2510 Australian White Flint .....	.11½	.10½	9.75	9.50
2512 Minnesota 13 .....	.10	.09	8.10	7.80
2518 Pride of the North .....	.10	.09	8.10	7.80
2520 Improved Leaming .....	.10	.09	8.10	7.80

OTHER FARM SEED

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2880 Canadian Field Peas, Exrta Fancy .....	.12	.11	\$10.00
2890 Millet, Early Fortune	*		
2892 Millet, German or Large Yellow ..	*		
2894 Millet, Yellow Hog	*		
2920 Milo Maize, 60 Day	*		
2900 Rape, Dwarf Essex .....	.20	.19	18.00
2928 Sorghum, Amber Cane	*		
2924 Sorgo, Atlas	*		
2910 Soy Beans	*		
2930 Sunflower, Grey Stripe .....	.18½	.17½	16.70
2940 Vetch, Common or Spring .....	.14½	.13½	12.75

Plant More Corn for Dairy Cows

We suggest planting extra acreage of green fodder Corn for a food supplement during hot dry weather when pastures are not producing sufficiently. The larger remaining part of the crop matured and prepared as ensilage of course has the greater amount of actual food value for winter feeding.

For Larger and Better Yields
Plant the record making new
"PORT-WALCO No. 100"
and
"PORT-WALCO No. 120"
(see page 66)



3575 NEW IMPROVED CERESAN

This economical ethyl mercury phosphate dry disinfectant usually controls certain smuts and other diseases carried on seed barley, oats, rye, wheat, sorghums, millets, flax, peas.



4 oz. can\$.35
1 lb. can90
4 lb. can 3.00
40 lb. pail 26.40
½ ounce treats a bushel

● FERTILIZER ●

PLANT FOODS - SOIL REBUILDERS - FERTILIZER SPREADERS



Enthusiastic gardeners everywhere attribute their success to the use of Vigoro, complete plant food.

Vigoro supplies all growing things the vital nourishment they require to attain finest growth and beauty.

You'll prefer using Vigoro because it's clean, odorless, sanitary, and easy to use. Economical. You only need 4 pounds per 100 square feet.

A PRODUCT OF SWIFT



VIGORO

COMPLETE PLANT FOOD

4008 VIGORO (4-12-4)

10 lb. \$.85 50 lb. 2.50
25 lb. 1.50 100 lb. bag .. 4.00

4001 AMMONIUM SULPHATE

A quick acting, easily soluble fertilizer containing 20% nitrogen. It stimulates top growth and manufactures plant cells. Besides being the main fertilizer for celery, it is used extensively on sugar beets and other vegetables, also for berries and trees. On mature peaches, apricot, pear, and plum trees apply 3 to 4 pounds per tree. On Apple and Cherry apply 5 to 6 pounds per tree. Proportionately smaller applications should be made on trees that are not mature. 100 lb. bags, \$2.75 each; 10 lbs., 50c; 25 lbs., \$1.00.

4002 BONE MEAL

Not available this season.

4004 GREENLEAF

The effective control for "Plant Yellows" or Chlorosis which is caused by certain chemical deficiencies in the soil.

GREENLEAF

Revives unhealthy plants Loosens the soil Restores natural leaf-color. Improves fertility.

Also valuable for the reclamation of alkaline soils.

GREENLEAF WORKS AT THE ROOT OF THE TROUBLE

When treating roses and shrubs and Evergreens apply from 1/4 to 1/2 lb. per plant. For trees use 1 lb. per inch of diameter through the trunk.

10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00; Full directions included with each order.



IRON SULPHATE

Iron Sulphate is a good corrective for alkaline soils.

4006 Crystals for plants, shrubs, trees.

4007 Snow Form for lawns. 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.



PEAT MOSS

4010 Peat Moss is one of the most efficient means of adding humus to the soil. It creates a loamy condition which aids the penetration of air and water.

Bale, \$4.75

TERRA-LITE

MINERAL MULCH

100% VERMICULITE

AN EARTHLIKE SOIL CONDITIONER
AN AMAZING GROWING MEDIUM

Gives **3 - WAY ACTION**

First—Promotes in the soil a light fluffy condition so roots spread and breathe without difficulty.

Second—Acts to maintain a constant balanced reservoir of moisture in the soil.

Third—Tends to hold the nutrients from being washed to lower levels by rain.

4016 Terra-Lite Mineral Mulch. 2 1/2 cu. ft. Shipping Wt. 18 lbs., \$1.25 per bag.

4017 Terra-Lite Soil Conditioner. 4 cu. ft. Shipping Wt., 45 lbs., \$1.25 per bag.

FERTILIZER SPREADERS

LAWNETTE Applies Lawn Pest-Go, Lawn Seed, or Vigoro

This spreader with its patented agitator and a small dial adjustment that instantly regulates rate of flow, insures you of proper quantity as well as more uniform plant coverage. Result—Savings in time and materials, No burning, No bare spots, a better lawn and yard all season long.

Four models—A size for every lawn, estate, park or golf course.



Metal Hopper
Rigid Construction
"MAKES
LAWN CARE
A
PLEASURE"

	Spread	Capacity	Shipping Weight	Price
4811	14"	15 lbs.	11 lbs.	\$ 4.80
4812	16"	30 lbs.	23 lbs.	9.80
4813	24"	75 lbs.	50 lbs.	20.75
4814	36"	115 lbs.	65 lbs.	27.50

4809 E-Z SPREADER

Economical — Efficient

Made of tough cardboard with metal wheel rims.
each \$1.25

Garden and Home Insecticides

DDT waits for insects—Kills 'em when they come

3275 PEST-B-GON DDT SPRAY

Contains 20% DDT, the new insecticide that played such an important role in World War II. Use in the garden and also around barns, poultry houses, dog kennels, outbuildings, basements, against many beetles, worms, thrips, leaf hoppers, weevils—Ants, fleas, mosquitoes and certain other insect pests. A "MUST" for the modern home. Use as directed.

4 oz. bottle, 65c; 1 pint, \$2.00.

3293 PEST-B-GON DUST

An outstanding garden dust containing 10% DDT. A most popular insect control for the home gardener. 10 oz. Duster 60c; 2 lb. package, \$1.00

3283 KNOX-OUT INSECT SPRAY

A double action space and residual spray for the household use containing 5% DDT, plus several knockdown insecticides. Kills many insects on contact and leaves a residue that will kill flies, mosquitoes, roaches, ants, moths and many other household insect pests for periods of from a few weeks up to three months.

1 pint, 35c; 1 quart, 65c; 1 gallon, \$2.35.

3285 KNOX-OUT GARDEN DUST

A Dust containing 5% DDT for the control of many of the insects infesting home gardens. Effective in the control of corn earworm, potato beetle, cabbage worm, thrips, and other common garden pests.

1 lb. packages, 30c; 3 lb., package, 75c.

3290 DURA DUST NO. 50

(50% Wettable DDT)

The all around DDT product for farm and garden. Use on livestock, barns, stables, and crops. Frees your cattle from stable flies and lice; your buildings from mosquitoes, flies, bedbugs, spiders, etc., and protects your garden and crops from numerous insects.

4 lb. bag, \$2.60; 50 lb. bag, \$30.00.

3385 APPO CUTWORM BAIT

A poisoned apple bait containing a high percentage of apple pomace. Especially effective in controlling cutworms and strawberry root weevil, also useful against snails, slugs, and earwigs. Easy to apply, long lasting effect.

1 lb., 35c; 25 lbs., \$4.40.

3250 EXTRAX INSECT SPRAY

Kills by contact. Used against many sucking and chewing insects such as Aphids, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical. . . General dosage is one teaspoonful to a gallon of water.

4 oz. bottle, \$1.00; 1 Pint, \$2.75; 1/2 Gallon, \$7.95.

3428 Garden Sulphur. Finely powdered. . . Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases.

26 oz., 35c; 4 lb., 60c.

3400 LEAD ARSENATE

A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars, (as Oak Moth), Worms on Apples, Pears and other plants and Sod Webworm in lawns.

1 lb., 45c; 4 lbs., \$1.25.

3467 ORTHO ROSE SPRAY KIT

Special Combination Offer. Contains 2-oz. bottle "EXTRAX" for Aphids and other insects and 2-oz. bottle "GREENOL" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables, too.

Each Kit, \$1.00.

MULTI-PURPOSE BAIT

For use Against

PRINCIPAL FORAGING INSECTS

3387 Bug-Geta Pellets for slugs, cutworms, snails, earwigs, grasshoppers, strawberry root weevil. Baiting against these pests is easy with the new BUG-GETA PELLETS Compressed BAIT. (A Metaldehyde-Arsenical Bait.) 5000 baits in a 2 pound carton.

12 oz. carton, 35c; 2 lb. carton, 65c; 5 lb. carton, \$1.25; 25 lb. bag, \$4.40.

ANT CONTROL

Four to 8 Dispensers are enough for average home. Easy to refill. Ants feed from "WICK" . . . Can't get inside. For Argentine and Sweets eating ants.



3325 ANT-B-GON SETS

Set of four 1-oz. Dispensers . . . 60c

3326 ANT-B-GON LIQUID

4-oz. bottle . . . 25c. 1 pint . . . 60c

3465 GARDEN SPRAY SET

For Use Against

More Prevalent GARDEN INSECTS

Set contains 4-ounce bottle of EXTRAX Insect Spray. GREENOL Liquid Fungicide and VOLK Oil Spray.



Mix all three sprays in the same water and in one application treat against many insects and diseases in the garden. Set makes about 25 gallons combination spray at normal dilution.

\$1.85 per set.

FUNGICIDES

3435 GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

4-oz. bottle, 60c; 1 pint, \$1.50;

1/2 gallon, \$5.00.

OIL SPRAYS

3440 VOLK Oil Spray. Envelops, wets and smothers many sucking insects, such as certain Scale Insects, White Fly, Mealy-bug, and Red Spider. Also a spray carrier for other sprays.

4 oz. bottle 25c; 1 pint bottle, 50c;

1/2 gal. can \$1.25; 1 gal. can, \$2.25

WEED KILLERS

3480 TRIOX Weed Killer. Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.

1 gallon can, \$2.40.

EARWIGS

3390 ORTHO Earwig Bait. Prepared on a government formula. Earwigs can become a menace to health through food contamination and should be controlled at first sign of an infestation. First brood usually appears in May or June.

2 1/2 lbs., 75c; 40 lbs., \$6.60

MULTI-PURPOSE DUST

3303 Botano Garden Dust. For use against many insects and diseases. Preferred by many, particularly for vegetables. One of the safest multi-purpose dusts that can be used. 10-oz. size is Dual Purpose package which also serves as handy garden duster. (Contains ROTENONE.)

10-oz. Duster, 59c; 1 lb. Pkg. 50c.



ALL-PURPOSE ORGANIC FUNGICIDE

3425 FERMATE—A new, outstanding Dithiocarbamate fungicide that is vastly superior to Bordeaux Mixture. It has been thoroughly tested giving remarkable control of plant diseases, with safety to all plants. While being particularly successful against rust, it is a reliable specific for black spot on roses, leaf spot on chrysanthemums, snapdragon rust, anthracnose of tomatoes, and brown rot of cherries. Recommended for use against all fungi and mildews.

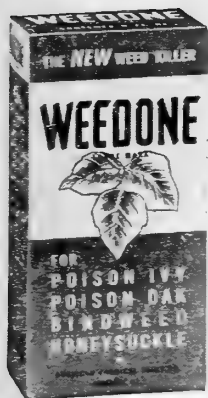
1 lb., \$1.65; 3 lbs., \$3.50;

25 lbs., \$25.00.

3450 DU PONT SPREADER STICKER

A new product that greatly increases the efficiency of liquid spray materials by reducing surface tension, thereby assuring a more uniform and complete coverage by the spray. A sticking agent has also been added which prolongs adherence, making for fewer spray applications and resulting in savings in labor and spray material costs.

1 pint, 85c; 1 gallon, \$5.90.



WEEDONE

TRADE MARK

the famous internal
Weed Killer

Balanced Formula Gives Greater
Coverage and Even, Complete Kill
Catalog No. 3485

Sizes	Price
6 oz. bottle makes 5 gallons spray	75c each
1 qt. bottle makes 25 gal. spray	\$2.50 each
1 gal. bottle makes 100 gallons spray	\$7.50 each
5 gal. can makes 500 gallons spray	\$6.00 per gal.
54 gal. drum	\$5.00 per gal.

The Original and Unsurpassed 2-4D Formula
KILLS RIGHT TO THE ROOT TIPS

1. Weedone kills the entire plant.
2. Does not corrode metal spray equipment.
3. Does not leave a residue on plants that is hazardous to humans, livestock or pets.
4. Does not permanently sterilize the soil.
5. Non-explosive.

USE WEEDONE FOR KILLING WEEDS, on farm
or ranch . . . in lawn or garden.

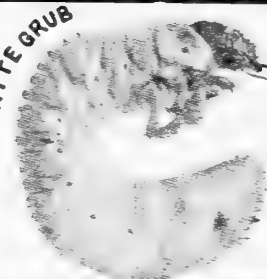
- 3260 Blackleaf "40"—5 oz., \$1.05; 1 lb., \$2.42; 2 lbs., \$3.92; 5 lbs., \$7.40; 10 lbs., \$12.85.
- 3300 BUG-DUST-O-CIDE, 1 lb. duster pkg., 50c; 2½ lb., comb. & Gun, \$1.00; 3 lbs., \$1.00; 25 lbs., \$6.95; 50 lbs., \$12.00.
- 4637 Cyanogas Foot Pump Duster—\$7.00 ea.
- 3340 Cyanogas "A" Dust— 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.
- 3337 Cyanogas Ant Killer—4 oz., 30c.
- 3210 Derocide "75" Dust (.25% Rotenone)—50 lbs., \$7.00.
- 3227 Dusting Sulphur—10 lbs., 80c; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.00.
- 3310 Paris Green—4 oz., 25c; 1 lb., 65c; 5 lbs., \$3.00; 25 lb. bag, \$12.00.
- 3255 Rotenone Garden Spray, 1 oz., 35c; 6 oz., \$1.00; 16 oz., \$2.15; 1 gal., \$13.50.
- 3355 Tartar Emetic—1 lb., \$1.05; 5 lbs., \$4.50.



NIGHT CRAWLERS



WHITE GRUB



KILL
THESE LAWN
PESTS
WITH
NEW IMPROVED

Lawn PEST-GO

The effects of Lawn PEST GO last from 2 to 5 years. A 100 pound bag treats 1500 sq. ft. for crab grass or 2500 sq. ft. for worms and grubs only.

For complete crab grass eradication apply Lawn PEST GO in late fall or early spring.

Catalog No. 3225

25 lb. bag, \$2.50; 100 lb. bag, \$7.95.

Use Plant Hormones

The Economical Way for Better Gardening

4021 Transplantone — Stimulates root formation and reduces loss in transplanting. ½ oz., 25c; 3 oz., \$1.00; lb., \$4.00.

4020 Rootone—Improves rooting of cuttings, seeds and bulbs, causes faster germination of seeds, and increases plant growth. ¼ oz., 25c; 2 oz. jar, \$1.00; lb., can \$5.00; 10 lbs., \$45.00.

4018 Fruitone—Stimulates fruit growth, stops premature drop of flowers, fruits and leaves. 2/5 oz. packet, 25c; 2 oz., \$1.00; 12 oz., \$5.00.



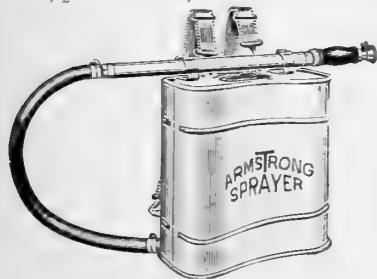
Armstrong Spray Outfit

Can be used with bucket, tank or barrel for spraying orchards, gardens, vineyards, white washing, disinfecting chicken houses, killing vermin on stock. Made entirely of brass. Nothing to get out of order.

4550 Pump and nozzle only, weight 4 lbs., each \$6.00.

4552 Knapsack only, weight 10 lbs., each \$7.10

4555 Armstrong Spray Outfit Complete weight 13½ lbs. each \$12.50.



HAN-D
Sprayer

Easy to use,
one quart capacity
sprayer. Especially fine
for house
plants and
small gardens.



Each \$2.95.

Dust the EASY WAY
with the
STAUFFER Knapsack
DUSTER

Catalog No. 4640

A highly efficient
machine for large
plantings.

Can be used for
all large dry dust-
ing. Hopper cap-
acity 20 lbs., ship-
ping weight 21 lbs.
Price each \$29.65.



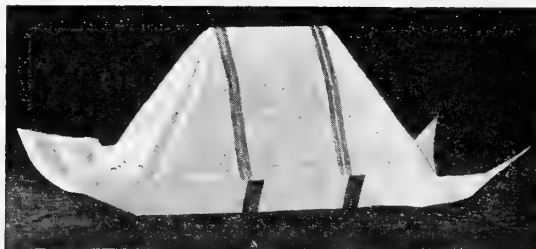
GROW EARLIER CROPS



4520 GERMACO HOTCAPS

Strong individual hothouses protect early set plants from frosts, storms and insects. 12 inches in diameter and 6 inches high.

	Shpg. Wt.	Price
Pkg. of 25 with paper setter	2 lbs.	\$.60
Pkg. of 100 with Fibreboard setter	5 lbs.	2.20
Pkg. of 250 with Fibreboard setter	9 lbs.	4.15
Carton of 1,000	28 lbs.	12.00
4524 Fibreboard setter		.20
4525 Metal Setter	2 lbs.	1.75



4530 GERMACO HOTENTS

A superior plant cover with more space for air and plant development. Its extra large base flap carries more soil and holds the cover more securely.

Price, 500 (1 case), \$10.50; 1,000 (2 cases), \$20.00; f.o.b. Salt Lake City, Shipping weight 35 lbs. per case.

4533 Metal Hot Tent Setter\$1.75

4540 PAXCO HOT HOUSES

Cone shaped, 12 inches in diameter at the base, 14 inches high. Shipping weight 35 lbs. per 1000.

Price per 1000\$16.00

4543 Metal Hot House Setter\$1.60 ea.



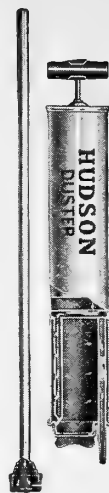
SHATTER PROOF
WEATHER PROOF

Admits over 60% of ultra violet ray.

	Prices
4510 50 ft. roll, 36 in. width, wt. 6 lbs.	\$ 9.25
150 ft. roll, 36 in. width, wt. 15 lbs.	\$27.50
Broken rolls, per lineal foot	.20

Wood Pot Labels

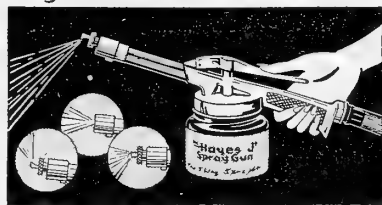
PLAIN	Price per 100	Price per 1000
4870 4 inch	\$.40	\$3.00
4870 5 inch	.40	3.25
4870 6 inch	.45	3.75
4870 8 inch	.65	5.00
4870 10 inch	.95	8.00
PAINTED		
4873 4 inch	.45	3.75
4873 5 inch	.50	4.00
4873 6 inch	.55	4.50
4873 8 inch	.80	7.00
4873 10 inch	1.10	9.50
Tree Labels 3 1/2" Wired		
4860 Plain	\$.45	\$3.50
4863 Painted	.50	4.25



4560 HUDSON LEADER
3 1/2 Gallon—Funnel Top
Large capacity and high pressure adapt it for all work. Tested at 100 lbs., pressure. Galvanized tank 7 1/8 x 21 in. high. Pump 1 3/4 x 14 in. High pressure spray hose 24 inches in length, with 2' extension rod. Perfection nozzle. Shipping weight 9 lbs. Each \$8.00.

4647 ADMIRAL — Especially designed for the home gardener, it will economically apply any dust insecticide. Chamber 2 3/4 x 4 1/2 inches. Each \$1.80.

Shipping Weight 2 lbs.



4610 Hayes Jr.

Mixes three gallons of spray at a time. Handles liquids and most wettable powders. Operates on hose with water pressure from 30 to 175 pounds. Each \$6.95



All-Leather - Dirt Proof - Durable

- Soft Comfortable - Washable

Easy on the hands and easy to wear!

Economical, too—outwears six pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

4895 Ladies': Small, Medium\$1.25 pr.

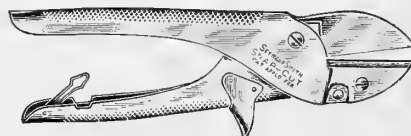
4897 Men's: Small, Medium1.35 pr.



4950 SIPCO GROUND SOAKER

BETTER FOR THE LAWN. Ideal for narrow parkings, terraces, and banks. Made of army duck, lanatized to resist mildew. Use the seepage irrigation method of watering. 10 foot length, (several can be connected together in series), average weight 1/2 lb. each, \$1.40 each.

4952 Stop Nuts, 14c each. Order one stop nut for each series to be used.



4715 SNAP CUT PRUNER

This nationally famous pruner with its "V" shaped blade will cut the hardest wood with a minimum of effort. Light weight, handy size—yet highly efficient and unbreakable. Model No. 119, Each, \$2.50. Shipping weight 1 lb.

PRICE ADJUSTMENTS

Prices of manufactured items stated herein are those in effect at the date of publication and may be changed at any time as costs are revised.

CULTURAL INFORMATION and use of FLOWERS · VINES · SHRUBS · TREES...

This is the key to the small and capital letters immediately following the family or variety names. These quick reference tables contain the additional information which you may need for intelligent selection and placement of the splendid assortment of planting materials offered in this catalog.

Classification and Hardiness

(Based on climatic conditions in the Salt Lake Valley and similar areas.)

- a—Plants that produce their flowers from seed the first year but do not survive the winter.
- b—Plants that rarely produce flowers from seed until the second year and then die.
- c—Plants that rarely flower from seed until the second year, but flower in season thereafter.
- d—Bulbous herbaceous or tuberous rooted plants that are winter hardy without protection.
- e—Bulbous, herbaceous or tuberous rooted plants that need winter protection.
- f—Bulbous or tuberous rooted plants that must be lifted and given frost-proof storage during winter.
- g—Vines, shrubs or trees that are hardy everywhere. Including higher altitudes.)
- h—Vines, shrubs, or trees that are hardy in the Salt Lake Valley but need winter protection in higher altitudes and colder sections.
- i—Vines, shrubs or trees that need slight winter protection or sheltered situation in Salt Lake Valley and not recommended for colder areas.

Location (Conditions Most Favorable)

- j—Very adaptable—does well in full sun to part shade and any good average soil condition.
- k—Likes full sun.
- l—Will tolerate full shade.
- m—Does well in dry situations.
- n—Does well in wet situations.
- o—Prefers a cool, moist situation.

General Utility or useful for:

- p—Hedges.
- q—Ground cover or carpeting plants
- r—Cut flowers.
- s—Bedding and massing.
- t—Backgrounds or screening.
- u—Dwarf border, edgings, rock gardens.

Special Utility—useful for:

- v—Refined lawn groups.
- w—Window, porch box, or urns.
- x—Banks and steep slopes.
- y—Parking or shade.
- z—House plant.

Time and Duration of Bloom

- A—Late winter and early spring.
- B—Late spring and early summer.
- C—Late summer and early fall.
- D—Fall until winter.
- E—Winter fruit or berries.
- F—Continuous bloom throughout season.

Seed Planting Information

How Deep—The proper depth is very important. As a general rule, large seeds should be covered 4 to 5 times their diameter, medium and small seeds accordingly. Very fine seeds should be merely pressed into the soil, firming the soil well over them. Soil should always be kept well pulverised to receive the seed and kept thoroughly moist after seed has been planted.

- G—Sow seed where plants are to grow in early spring or late fall just before the ground freezes.
- H—Sow seed where plants are to grow in middle or late spring; past frost danger when plants appear above ground.
- I—Sow seed for succession during spring and early summer.
- J—Sow seed in early spring, mid-summer, or fall in well-prepared bed and transplant seedlings where they are to grow.
- K—Sow inside in flats, pots, or boxes, in late winter or early spring, transplant to garden when frost danger is over.
- L—Sow in hotbed or cold frame in early spring.
- M—Seed needs chilling before proper germination can be secured. Sow, therefore, in late fall in beds or open ground.

Soil Requirements and Preferences

- N—Of easiest culture for the beginner and does well in the average garden soil.
- O—Tolerant of alkaline soils.
- P—Prefers neutral or slightly alkaline soil.
- Q—Prefers acid reacting soil.
- R—Does well in poor soil.
- S—Thrives best in well-enriched soil.
- T—Likes heavy, clay soil.
- U—Likes light, well-drained soil.

Pruning Requirements

- V—Prune heavily when planted.
- W—Require little pruning or thinning after planting.
- X—Require heavy pruning in late winter or early spring only.
- Y—Annually immediately after flowering.
- Z—Shear in spring before new growth starts or in late summer just before the season growth stops.

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SHRUBS

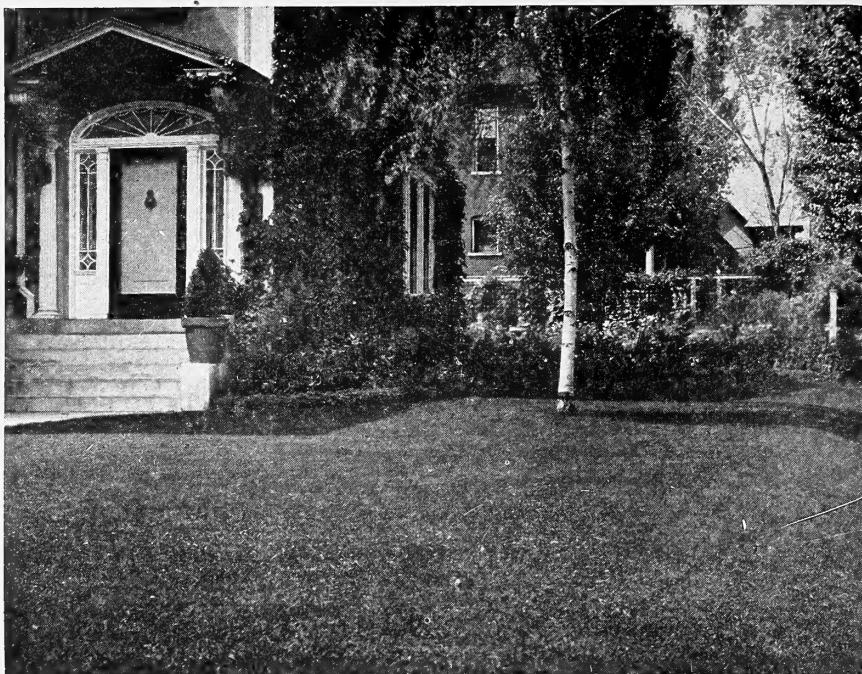
A wide variety of popular kinds arranged alphabetically on pages 46-49

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The Home Lawn

*The most important element
in the development of the
Home Grounds*

A smooth, well-graded, green lawn is the first requirement for your home grounds planting! It will improve the appearance and enhance the value of the property; it will furnish the setting for the house; provide a place for satisfying relaxation; and will favorably create those all-important first impressions formed by all who see your home.

Ask for free leaflet—
"How to Build and Maintain
A Beautiful Lawn."

P.-W.'s Green Lawn Mixture

LAWN GRASS SEEDS

CLEAN—DEPENDABLE—VIGOROUS

LAWN MIXTURES

P.-W.'s "Green Lawn" Mixtures

We are especially proud of these lawn mixtures. They are composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for residence lawns.

2970 VELVET GREEN—This lawn mixture is a "Must" for all home grounds in the intermountain area. It is a mixture of hardy grasses which produces a compact, smooth lawn, velvet green in color. Containing 10% Clover, it is the right mixture to provide your home with the setting it deserves. 1 lb., \$1.50; 10 lbs., \$14.50; 25 lbs., \$35.00; f.o.b. Salt Lake City.

2974 EVERGREEN—An exceptionally hardy grass mixture containing Kentucky Blue Grass, Red Top, Creeping Red Fescue, Chewings Fescue, and White Dutch Clover. This blend is adapted to sunny or partially shaded areas, it will withstand rough usage, does not tend to become coarse with age, and is more drought resistant than straight Blue Grass. 1 lb., \$1.00; 10 lbs., \$9.50; 25 lbs., \$22.50; f.o.b. Salt Lake City.

2980 Shady Nook Mixture

A proven formula which includes varieties which are shade tolerant, together with varieties that do well in full sunlight. The mixture may be used with confidence on both sun and shaded areas, to produce turf of high quality, uniform, springy, and medium green in color. 1 lb., \$1.10; 10 lbs., \$10.50; 25 lbs., \$25.00.

2984 Special Bent Mixture

With this mixture you can have a putting green on your own lawn, equal to the best golf greens and there will be no trouble from dandelions and other weeds. lb., \$1.50; 10 lbs., \$14.50.

2988 Athletic Field Mixture

This blend of grasses consisting of Kentucky Blue Grass, Meadow Fescue, and Perennial Rye Grass is especially adapted for athletic fields, playgrounds and park areas. It is very hardy and will withstand trampling and considerable

hard usage. Of nice appearance, it does not tend to become coarse and unsightly. The mixture is adapted for planting in Alkali soil, and also where ample water supply is not too certain. 1 lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25.

LAWN GRASSES

Kentucky Blue Grass

(*Poa pratensis*)

A deep green grass that does well on most types of soil. It continues to grow at low temperatures which keeps your lawn green in spring and autumn. Kentucky Blue is the "backbone" of fine lawn mixtures. It is aggressive and spreads rapidly, making a sod of fine texture.

2964 FANCY grade, triple cleaned. lb., \$1.50; 10 lbs., \$14.50; 25 lbs., 35.00.

Astoria Bent Grass

2950 (Blue Tag Certified Grade)

Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod. lb., \$1.85; 10 lbs., \$18.00.

2956 Chewings Fescue

Forms a mat-like sod with a pleasing green color. The leaves are fine needle-like, and bristly. It withstands hard wear and extreme drought. Suits almost all soils, especially those of a sandy or gravelly nature. It is one of the best grasses for shady areas. lb., \$1.10; 10 lbs., \$10.50.

2960 Creeping Red Fescue

Like Chewings Fescue, it is exceptional on sandy or gravelly soils and unexcelled in shade. The turf of the finer strains of Red Fescue are probably the most beautiful of all lawn grasses. lb., \$1.10; 10 lbs., \$10.50.

LAWN CLOVER

2990 White Dutch Clover

It is the best clover to include in grass mixtures. Advantages are that it grows quickly, remains green all season, and is helpful to grasses growing with it. Gardeners who prefer heavy clover growth should include 2 oz. to each pound of grass. lb., \$1.25; 10 lbs., \$12.00.



SYMPHORICARPOS
CHENAULTI

PHILADELPHUS
CORONARIUS

BARBERRY (Green)
THUNBERGII

p 9202

GREEN BARBERRY

Berberis Thunbergii

(H 3-4, S 3-4)

Where a small shrub is needed for planting in limited space or as a facing for taller plants, Green Barberry will prove to be a most valuable subject. Its small, attractive foliage and bright scarlet berries, together with its wide adaptability are reason enough for such universal popularity.

18-24", 85c

SHRUBS

For Beautiful Blossoms & Berries

p 9372

S. CHENAULTI

(H 4-5, S 5)

This neat and graceful shrub has small leaves and in autumn, numerous pinkish-red fruits. Because of its beauty and its tolerance of shade and many soils it has come into extensive use.

18-24", 60c; 2-3', 75c; 3-4' \$1.00

p 9324

P. CORONARIUS

(H 6-8', S 4-5)

P. Coronarius is a tall upright shrub for the back or corners of the shrub border. It is very beautiful when in flower.

2-3', 90c

p 9248

FORSYTHIA

Spectabilis (Golden Bell)

(H 6-8, S 5-6)

The showy border Forsythia. Its pleasing habit of growth, hardiness, and its large profusely borne flowers rate it the best and most useful of all Forsythias.

2-3', 90c

p 9374

SNOWBERRY

Symp. Racemosus

(H 4-5', S 4-5)

The white fruits which are uncommon among our desirable shrubs create an interesting contrast with green foliage and the colored flowers of other plants.

2-3', 75c; 3-4', \$1.00

p 9362

SPIRAEA FROEBELI

(H 4, S 4)

A well known dwarf variety, recognized as one of the best flowered spiraeas.

15-18", 60c; 18-24", 75c



BEAUTY BUSH

p 9272

Kolkwitzia

Amabilis

(H 6-8,

S 5-6)

2-3', \$1.50

Few shrubs have gained as wide-spread prominence as Beauty Bush. The plant is densely set with graceful arching branches and in June is literally covered with pale pink flowers. Where given plenty of room to grow Beauty Bush makes a more refined symmetrical plant with less pruning than is required by most other shrubs.

BEAUTY BUSH

FORSYTHIA
SPECTABILIS

SYMPHORICARPOS
RAC. (Snowberry)

SPIRAEA
FROEBELI



p 9204

BARBERRY MENTORENSIS

Even when young, Mentor Barberry makes an exceptionally fine looking hedge. Notice the field rows in the illustration. Because of its sturdy, erect and uniform growth, it requires no trimming except where a more formal effect is desired. Its darker green foliage remains most of the winter.

15-18", \$.75; 10 for \$5.00; 100, \$40.00
18-24", \$.90; 10 for \$6.00; 100, \$50.00
24-30", \$1.10; 10 for \$8.35; 100, \$70.00

p 9266

Lonicera Morrowi

(H 6-8, S 8-10)

Morrowi is probably the best honeysuckle for garden or landscape planting. It is of spreading habit, completely covering itself with foliage, and in summer with an enormous crop of brilliantly colored berries.

2-3', 90c; 3-4', \$1.25

p 9328

Philadelphus Virginalis

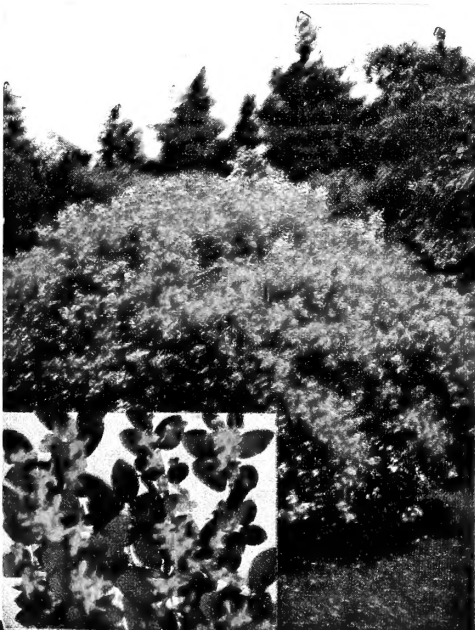
MOCK ORANGE

(H 7-8, S 6)

Very desirable is this fine mock orange for its large fragrant flowers, clean disease-resistant foliage and upright habit of growth.

18-24", \$1.00, 2-3', \$1.35

(below) **LONICERA TARTARIAN PINK**



**LONICERA (Honeysuckle)
MORROWI**



**PHILADELPHUS
VIRGINALIS**



**VIBURNUM
AMERICANUM**

p 9384

VIBURNUM AMERICANUM

(H 10-12, S 8-10)

Americanum is authoritatively recognized as the best of the large red fruited Viburnums. It is superior in foliage as well as in its bright shiny berries.

2-3', \$1.00

p 9258

LONICERA TARTARIAN PINK

(H 8-10, S 6-8)

For a tall vigorous, quick-growing background shrub, choose this dependable subject. Its flowers are beautiful in the spring. A little pruning after flowering each year will keep it permanently attractive.

2-3', 90c; 3-4', \$1.25

PORTER • WALTON CO.

Seed and Nursery Specialists

P. O. Box 1619

Salt Lake City 11, Utah